Guru Nanak College (Autonomous)

(Affiliated to University of Madras & Re-Accredited At "A" Grade by NAAC)
No. 161, Guru Nanak Salai, Velachery, Chennai - 600042, Tamil Nadu
Website: www.gurunanakcollege.edu.in

1.3.4.1: Number of students undertaking field projects / internships / student projects

Supporting Documents | School of Information Technology

Project Certificates

|| 2020-21 ||

GURU NANAK COLLEGE (AUTONOMOUS)
Affiliated to the University of Madras
Accredited by NAAC at "A" Grade.
ISO Certified (9001 - 2015)
Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFIED DOCUMENTS

METRIC NO. : 1.3.4

PAGE NO. 1 TO 2206

PRINCIPAL

E-FARM MARKETING

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

AJAY C S

(1813141033001)

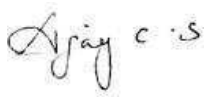
Under the Guidance of

Ms.K RAVIYA MCA.,M,Phil.,SET

April 2021

DECLARATION

I, AJAY C S(Register Number: 1813141033001) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"E-FARM MARKETING"**. I declare that this is my original work.



PLACE: CHENNAI **AJAY C S**

DATE:07-03-2021 **(Register Number :1813141033001)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"E-FARM MARKETING"** is the bonafide work carried out by **AJAY C S(Register Number : 1813141033001), III year BCA-A,** Under my guidance and supervision.



Signature of

Project Guide



Signature of
Head of the Department

HOME RENTAL SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

AJAY KUMAR K

(1813141033002)

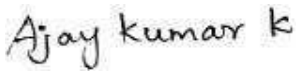
Under the Guidance of

Ms.K RAVIYA MCA.,M,Phil.,SET

April 2021

DECLARATION

I, AJAY KUMAR K(Register Number: 1813141033002) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"HOME RENTAL SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **AJAY KUMAR K**

DATE: 07-03-2021 **(Register Number: 1813141033002)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOME RENTAL SYSTEM"** is the bonafide work carried out by **AJAY KUMAR K(Register Number : 1813141033002), III year BCA-A,** Under my guidance and supervision.

Signature of

Project Guide

Signature of

Head of the Department

EMPLOYMENT PROCESS

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

AKASH R

(1813141033003)

Under the Guidance of

Ms.K RAVIYA MCA.,M,Phil.,SET

April 2021

DECLARATION

I, AKASH R(Register Number: 1813141033003) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"EMPLOYMENT PROCESS"**. I declare that this is my original work.



PLACE: CHENNAI **AKASH R**

DATE: 07-03-2021 **(Register Number: 1813141033003)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"EMPLOYMENT PROCESS"** is the bonafide work carried out by **AKASH R(Register Number : 1813141033003), III year BCA-A,** Under my guidance and supervision.

Signature of

Project Guide

Signature of

Head of the Department

APARTMENT VISITOR SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ANAND V

(1813141033004)

Under the Guidance of

Ms.K RAVIYA MCA.,M,Phil.,SET

April 2021

DECLARATION

I, ANAND V(Register Number: 1813141033004) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"APARTMENT VISITOR SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **ANAND V**

DATE: 07-03-2021 **(Register Number: 1813141033004)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"APARTMENT VISITOR SYSTEM"** is the bonafide work carried out by **ANAND V(Register Number : 1813141033004), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

EVALUATION AND TESTEES LEVEL FOR RECKONING

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

ARUN KUMAR V

(1813141033005)

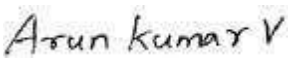
Under the Guidance of

Ms.K RAVIYA MCA.,M,Phil.,SET

April 2021

DECLARATION

I, ARUN KUMAR V(Register Number: 1813141033005) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"EVALUATION AND TESTEES LEVEL FOR RECKONING"**. I declare that this is my original work.



PLACE: CHENNAI **ARUN KUMAR V**

DATE: 07-03-2021 **(Register Number: 1813141033005)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"EVALUATION AND TESTEES LEVEL FOR** RECKONING" is the bonafide work carried out by ANAND V(Register Number :**1813141033005), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

PARKING MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ASHWIN M

(1813141033006)

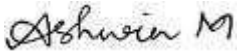
Under the Guidance of

Ms.K RAVIYA MCA.,M,Phil.,SET

April 2021

DECLARATION

I, ASHWIN M (Register Number: 1813141033006) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"PARKING MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **ASHWIN M**

DATE:07-03-2021 **(Register Number: 1813141033006)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"PARKING MANAGEMENT SYSTEM**" is the bonafide work carried out by ASHWIN M (Register Number :**1813141033006), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

CRYPT CLOUD+: SECURE AND EXPRESSIVE DATA ACCESS CONTROL FOR CLOUD STORAGE

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

BALAKRISHNA S

(1813141033007)

Under the Guidance of

Ms.K RAVIYA MCA.,M,Phil.,SET

April 2021

DECLARATION

I, BALAKRISHNA S(Register Number: 1813141033007) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"CRYPT CLOUD+: SECURE AND EXPRESSIVE DATA ACCESS CONTROL FOR CLOUD STORAGE"**. I declare that this is my original work.



PLACE: CHENNAI **BALAKRISHNA S**

DATE:07-03-2021 **(Register Number: 1813141033007)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CRYPT CLOUD+: SECURE AND EXPRESSIVE DATA ACCESS CONTROL FOR CLOUD STORAGE**" is the bonafide work carried out by **BALAKRISHNA S**(Register Number :**1813141033007), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

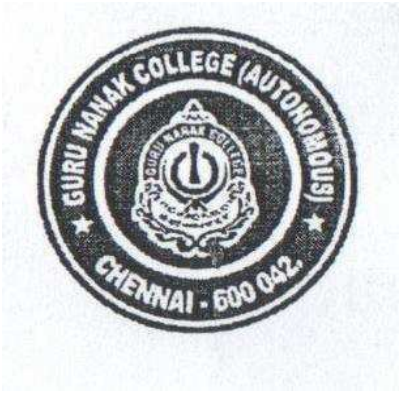
ONLINE BANKING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

BHARAT R V

(1813141033008)

Under the Guidance of

Ms.K RAVIYA MCA.,M,Phil.,SET

April 2021

DECLARATION

I, BHARAT R V(Register Number: 1813141033008) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BANKING SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **BHARAT R V**

DATE: 07-03-2021 **(Register Number: 1813141033008)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BANKING SYSTEM**" is the bonafide work carried out by **BHARAT R V**(Register Number :**1813141033008), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

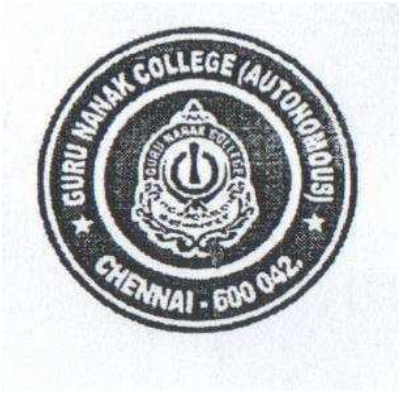
ONLINE CHAT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

BHARATHKUMAR S

(1813141033009)

Under the Guidance of

Ms.K RAVIYA MCA.,M,Phil.,SET

April 2021

DECLARATION

I, BHARATHKUMAR S(Register Number: 1813141033009) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE CHAT SYSTEM"**. I declare that this is my original work.

S. Bharathkumar

PLACE: CHENNAI **BHARATHKUMAR S**

DATE: 07-03-2021 **(Register Number: 1813141033009)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CHAT SYSTEM**" is the bonafide work carried out by **BHARATHKUMAR S**(Register Number :**1813141033009), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

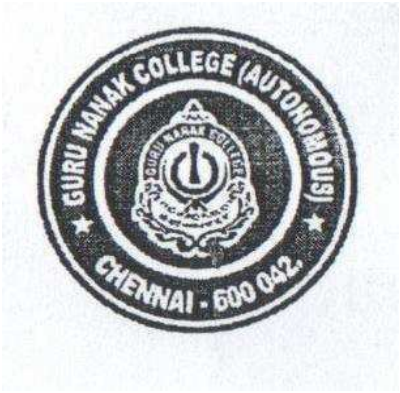
STUDENT INFORMATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

BHARATHKUMAR S

(1813141033010)

Under the Guidance of

Ms.K RAVIYA MCA.,M,Phil.,SET

April 2021

DECLARATION

I, BHARATHKUMAR S(Register Number: 1813141033010) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"STUDENT INFORMATION SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **BHARATHKUMAR S**

DATE:07-03-2021 **(Register Number: 1813141033010)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENT INFORMATION SYSTEM**" is the bonafide work carried out by **BHARATHKUMAR S**(Register Number :**1813141033010), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

ONLINE FOOD ORDERING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

BOOPATHI M

(1813141033011)

Under the Guidance of

Dr.V.DEVI, MBA,MCA,MPhil,PhD

April 2021

DECLARATION

I, BOOPATHI M(Register Number: 1813141033011) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE FOOD ORDERING SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **BOOPATHI M**

DATE: 07-03-2021 **(Register Number: 1813141033011)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE FOOD ORDERING SYSTEM**" is the bonafide work carried out by **BOOPATHI M**(Register Number :**1813141033011), III year BCA-A,** Under my guidance and supervision.

V. Devi

Signatureof ProjectGuide

Signature of Head of the Department

ONLINE FILE SHARING

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

BUVANESH J

(1813141033012)

Under the Guidance of

Dr.V.DEVI, MBA,MCA,MPhil,PhD

April 2021

DECLARATION

I, BUVANESH J(Register Number: 1813141033012) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE FILE SHARING"**. I declare that this is my original work.



PLACE: CHENNAI **BUVANESH J**

DATE: 07-03-2021 **(Register Number: 1813141033012)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE FILE SHARING**" is the bonafide work carried out by **BUVANESH J**(Register Number :**1813141033012), III year BCA-A,** Under my guidance and supervision.

V. Devi

Signatureof ProjectGuide

Signature of Head of the Department

HOME AUTOMATION

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

DINESH KRISHNAN S

(1813141033013)

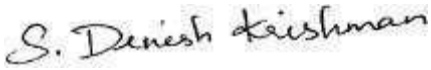
Under the Guidance of

Dr.V.DEVI, MBA,MCA,MPhil,PhD

April 2021

DECLARATION

I, DINESH KRISHNAN S(Register Number: 1813141033013) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"HOME AUTOMATION"**. I declare that this is my original work.



PLACE: CHENNAI **DINESH KRISHNAN S**

DATE:07-03-2021 **(Register Number: 1813141033013)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOME AUTOMATION**" is the bonafide work carried out by **DINESH KRISHNAN S**(Register Number :**1813141033013), III year BCA-A,** Under my guidance and supervision.

V. Devi

Signatureof ProjectGuide

Signature of Head of the Department

INDUSTRY VISITORY MANAGEMENT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

DINESH KUMAR S

(1813141033014)

Under the Guidance of

Dr.V.DEVI, MBA,MCA,MPhil,PhD

April 2021

DECLARATION

I, DINESH KUMAR S(Register Number: 1813141033014) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"INDUSTRY VISITORY MANAGEMENT"**. I declare that this is my original work.

S. Dineshkumar

PLACE: CHENNAI **DINESH KUMAR S**

DATE: 07-03-2021 **(Register Number: 1813141033014)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"INDUSTRY VISITORY MANAGEMENT**" is the bonafide work carried out by **DINESH KUMAR S**(Register Number :**1813141033014), III year BCA-A,** Under my guidance and supervision.

V. Devi

Signatureof ProjectGuide

Signature of Head of the Department

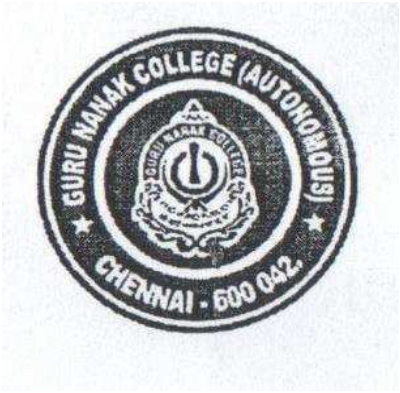
ONLINE FOOD ORDERING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

DIVYA D

(1813141033015)

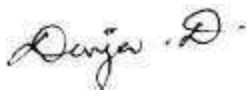
Under the Guidance of

Dr.V.DEVI MBA,MCA,MPhil,PhD

April 2021

DECLARATION

I, DIVYA D(Register Number: 1813141033015) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE FOOD ORDERING SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **DIVYA D**

DATE: 07-03-2021 **(Register Number: 1813141033015)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE FOOD ORDERING SYSTEM**" is the bonafide work carried out by **DIVYA D**(Register Number :**1813141033015), III year BCA-A,** Under my guidance and supervision.

V. Devi

Signatureof ProjectGuide

Signature of Head of the Department

BIO TOUCH PASS

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

GOKUL R

(1813141033016)

Under the Guidance of

Dr.V.DEVI MBA,MCA,MPhil,PhD

April 2021

DECLARATION

I, GOKUL R(Register Number: 1813141033016) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"BIO TOUCH PASS"**. I declare that this is my original work.



PLACE: CHENNAI **GOKUL R**

DATE:07-03-2021 **(Register Number: 1813141033016)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BIO TOUCH PASS**" is the bonafide work carried out by **GOKUL R**(Register Number :**1813141033016), III year BCA-A,** Under my guidance and supervision.

V. Devi

Signatureof ProjectGuide

Signature of Head of the Department

QUESTION PAPER AUTOMATION

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

HARIHARAN M

(1813141033017)

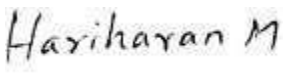
Under the Guidance of

Dr.V.DEVI MBA,MCA,MPhil,PhD

April 2021

DECLARATION

I, HARIHARAN M(Register Number: 1813141033017) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"QUESTION PAPER AUTOMATION"**. I declare that this is my original work.



PLACE: CHENNAI **HARIHARAN M**

DATE:07-03-2021 **(Register Number: 1813141033017)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"QUESTION PAPER AUTOMATION**" is the bonafide work carried out by **HARIHARAN M**(Register Number :**1813141033017), III year BCA-A,** Under my guidance and supervision.

V. Devi

Signatureof ProjectGuide

Signature of Head of the Department

ONLINE QUIZ APP

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

HEMALATHA G

(1813141033018)

Under the Guidance of

Dr.V.DEVI MBA,MCA,MPhil,PhD

April 2021

DECLARATION

I, HEMALATHA G (Register Number: 1813141033018) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE QUIZ APP"**. I declare that this is my original work.



PLACE: CHENNAI **HEMALATHA G**

DATE: 07-03-2021 **(Register Number: 1813141033018)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE QUIZ APP**" is the bonafide work carried out by **HEMALATHA G** (Register Number :**1813141033018), III year BCA-A,** Under my guidance and supervision.

V. Devi

Signatureof ProjectGuide

Signature of Head of the Department

ONLINE CRIME PORTAL PROJECT REPORT
Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)
VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

INFANT AJITH A

(1813141033019)

Under the Guidance of

Dr.V.DEVI MBA,MCA,MPhil,PhD

April 2021

DECLARATION

I, INFANT AJITH A (Register Number: 1813141033019) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE CRIME PORTAL"**. I declare that this is my original work.



PLACE: CHENNAI **INFANT AJITH A**

DATE: 07-03-2021 **(Register Number: 1813141033019)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CRIME PORTAL**" is the bonafide work carried out by **INFANT AJITH A** (Register Number : **1813141033019), III year BCA-A,** Under my guidance and supervision.

V. Devi

Signatureof ProjectGuide

Signature of Head of the Department

PRACTICAL CONFINEMENT OF AD

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

KALIDASS S

(1813141033020)

Under the Guidance of

Dr.V.DEVI, MBA,MCA,MPhil,PhD

April 2021

DECLARATION

I, KALIDASS S (Register Number: 1813141033020) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"PRACTICAL CONFINEMENT OF AD"**. I declare that this is my original work.



PLACE: CHENNAI **KALIDASS S**

DATE: 07-03-2021 **(Register Number: 1813141033020)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"PRACTICAL CONFINEMENT OF AD**" is the bonafide work carried out by **KALIDASS S** (Register Number : **1813141033020), III year BCA-A,** Under my guidance and supervision.

V. Devi

Signatureof ProjectGuide

Signature of Head of the Department

ECOMMERCE WEBSITE USING DJANGO FRAMEWORK

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KARTHICK P R

(1813141033021)

Under the Guidance of

Dr.V.DEVI, MBA,MCA,MPhil,PhD

April 2021

DECLARATION

I, KARTHICK P R (Register Number: 1813141033021) III year BCA-Astudent of Guru Nanak College (Autonomous), has done aproject report on the title **"ECOMMERCE WEBSITE USING DJANGO FRAMEWORK"**. I declare that this is my original work.



PLACE: CHENNAI **KARTHICK P R**

DATE: 07-03-2021 **(Register Number: 1813141033021)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ECOMMERCE WEBSITE USING DJANGO FRAMEWORK**" is the bonafide work carried out by **KARTHICK P R** (Register Number : **1813141033021), III year BCA-A,** Under my guidance and supervision.

V. Devi

Signatureof ProjectGuide

Signature of Head of the Department

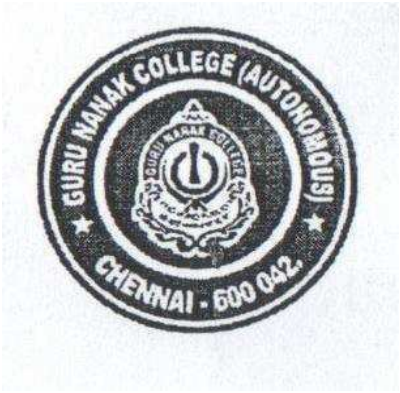
ONLINE EXAMINATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

KARTHIKEYAN B

(1813141033022)

Under the Guidance of

Mrs. G. KIRUTHIGA MCA.,M.Phil.,

April 2021

DECLARATION

I, KARTHIKEYAN B (Register Number: 1813141033022) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE EXAMINATION SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **KARTHIKEYAN B**

DATE:07-03-2021 **(Register Number: 1813141033022)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE EXAMINATION SYSTEM**" is the bonafide work carried out by **KARTHIKEYAN B** (Register Number : **1813141033022), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

BLOOD DONATION REGISTRATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KISHORE S

(1813141033023)

Under the Guidance of

Mrs. G. KIRUTHIGA MCA.,M.Phil.,

April 2021

DECLARATION

I, KISHORE S (Register Number: 1813141033023) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"BLOOD DONATION REGISTRATION SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **KISHORE S**

DATE:07-03-2021 **(Register Number: 1813141033023)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BLOOD DONATION REGISTRATION SYSTEM**" is the bonafide work carried out by **KISHORE S** (Register Number : **1813141033023), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

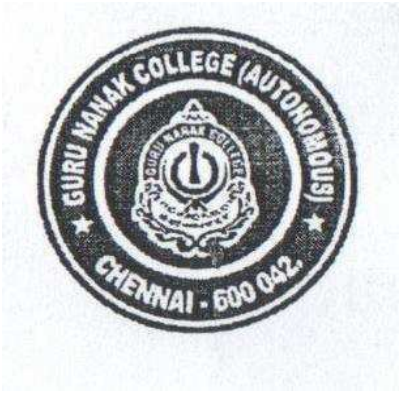
ONLINE MOBILE SHOP

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

KISHORE KUMAR K

(1813141033024)

Under the Guidance of

Mrs. G. KIRUTHIGA MCA.,M.Phil.,

April 2021

DECLARATION

I, KISHORE KUMAR K (Register Number: 1813141033024) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE MOBILE SHOP"**. I declare that this is my original work.



PLACE: CHENNAI **KISHORE KUMAR K**

DATE:07-03-2021 **(Register Number: 1813141033024)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE MOBILE SHOP**" is the bonafide work carried out by **KISHORE KUMAR K** (Register Number : **1813141033024), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

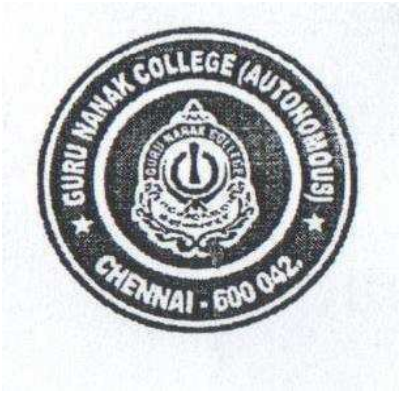
RESTAURANT MANAGEMENT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

MOHANA SAKTHI S

(1813141033025)

Under the Guidance of

Mrs. G. KIRUTHIGA MCA.,M.Phil.,

April 2021

DECLARATION

I, MOHANA SAKTHI S (Register Number: 1813141033025) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"RESTAURANT MANAGEMENT"**. I declare that this is my original work.



PLACE: CHENNAI **MOHANA SAKTHI S**

DATE:07-03-2021 **(Register Number: 1813141033025)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"RESTAURANT MANAGEMENT**" is the bonafide work carried out by **MOHANA SAKTHI S** (Register Number : **1813141033025), III year BCA-A,** Under my guidance and supervision.





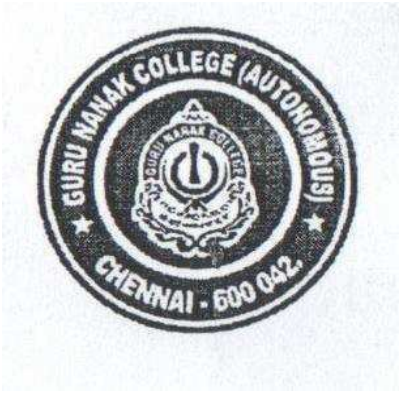
ONLINE CAR RENTAL SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

MUKESH V

(1813141033026)

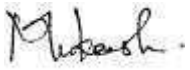
Under the Guidance of

Mrs. G. KIRUTHIGA MCA.,M.Phil.,

April 2021

DECLARATION

I, MUKESH V (Register Number: 1813141033026) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE CAR RENTAL SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **MUKESH V**

DATE:07-03-2021 **(Register Number: 1813141033026)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CAR RENTAL SYSTEM**" is the bonafide work carried out by **MUKESH V** (Register Number : **1813141033026), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

E-COMMERCE WEBSITE USING PHP

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

NIRMAL KANNAN R

(1813141033027)

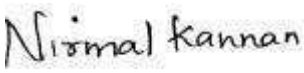
Under the Guidance of

Mrs. G. KIRUTHIGA MCA.,M.Phil.,

April 2021

DECLARATION

I, NIRMAL KANNAN R (Register Number: 1813141033027) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"E-COMMERCE WEBSITE USING PHP"**. I declare that this is my original work.



PLACE: CHENNAI **NIRMAL KANNAN R**

DATE: 07-03-2021 **(Register Number: 1813141033027)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"E-COMMERCE WEBSITE USING PHP**" is the bonafide work carried out by **NIRMAL KANNAN R** (Register Number : **1813141033027), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

DAILY EXPENSES TRACKER

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NITHEESHWAR L

(1813141033028)

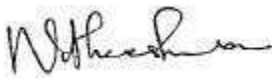
Under the Guidance of

Mrs. G. KIRUTHIGA MCA.,M.Phil.,

April 2021

DECLARATION

I, NITHEESHWAR L (Register Number: 1813141033028) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"DAILY EXPENSES TRACKER"**. I declare that this is my original work.



PLACE: CHENNAI **NITHEESHWAR L**

DATE: 07-03-2021 **(Register Number: 1813141033028)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"DAILY EXPENSES TRACKER**" is the bonafide work carried out by **NITHEESHWAR L** (Register Number : **1813141033028), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

SMARTPHONE BASED REMOTE MONITORING TOOL FOR E-LEARNING

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRADEEP RAJ D

(1813141033029)

Under the Guidance of

Mrs. G. KIRUTHIGA MCA.,M.Phil.,

April 2021

DECLARATION

I, PRADEEP RAJ D (Register Number: 1813141033029) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"SMARTPHONE BASED REMOTE MONITORING TOOL FOR E-LEARNING"**. I declare that this is my original work.



PLACE: CHENNAI **PRADEEP RAJ D**

DATE: 07-03-2021 **(Register Number: 1813141033029)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"SMARTPHONE BASED REMOTE MONITORING TOOL FOR E-LEARNING**" is the bonafide work carried out by **PRADEEP RAJ D** (Register Number : **1813141033029), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

HOSTEL MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRASATH T

(1813141033030)

Under the Guidance of

Mrs. G. KIRUTHIGA MCA.,M.Phil.,

April 2021

DECLARATION

I, PRASATH T (Register Number: 1813141033030) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"HOSTEL MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **PRASATH T**

DATE:07-02-2021 **(Register Number: 1813141033030)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOSTEL MANAGEMENT SYSTEM**" is the bonafide work carried out by **PRASATH T** (Register Number : **1813141033030), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

BUDGET MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

PRATHAP M

(1813141033031)

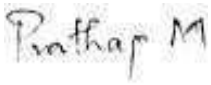
Under the Guidance of

Mrs. K. RAVIYA M.C.A., M.Phil., SET

April 2021

DECLARATION

I, PRATHAP M (Register Number: 1813141033031) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"BUDGET MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **PRATHAP M**

DATE:07-03-2021 **(Register Number: 1813141033031)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BUDGET MANAGEMENT SYSTEM**" is the bonafide work carried out by **PRATHAP M** (Register Number : **1813141033031), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

ONLINE ATTENDANCE PORTAL

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRAVEEN L

(1813141033032)

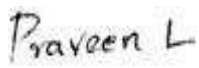
Under the Guidance of

Mrs. K. RAVIYA M.C.A., M.Phil., SET

April 2021

DECLARATION

I, PRAVEEN L (Register Number: 1813141033032) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE ATTENDANCE PORTAL"**. I declare that this is my original work.



PLACE: CHENNAI **PRAVEEN L**

DATE:07-03-2021 **(Register Number: 1813141033032)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE ATTENDANCE PORTAL**" is the bonafide work carried out by **PRAVEEN L** (Register Number : **1813141033032), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

STUDENT RESULT INFORMATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRAVEEN R

(1813141033033)

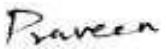
Under the Guidance of

Mrs. K. RAVIYA M.C.A., M.Phil., SET

April 2021

DECLARATION

I, PRAVEEN R (Register Number: 1813141033033) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"STUDENT RESULT INFORMATION SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **PRAVEEN R**

DATE: 07-03-2021 **(Register Number: 1813141033033)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENT RESULT INFORMATION SYSTEM**" is the bonafide work carried out by **PRAVEEN R** (Register Number : **1813141033033), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

ELECTRICITY BILLING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

PRAVEEN KUMAR A

(1813141033034)

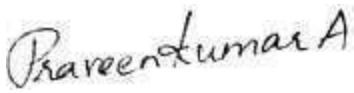
Under the Guidance of

Mrs. K. RAVIYA M.C.A., M.Phil., SET

April 2021

DECLARATION

I, PRAVEEN KUMAR A (Register Number: 1813141033034) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ELECTRICITY BILLING SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **PRAVEEN KUMAR A**

DATE:07-03-2021 **(Register Number: 1813141033034)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ELECTRICITY BILLING SYSTEM**" is the bonafide work carried out by **PRAVEEN KUMAR A** (Register Number : **1813141033034), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

ONLINE BOOK STORE

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

RAPHAEL JOSHUVA S

(1813141033035)

Under the Guidance of

Mrs. K. RAVIYA M.C.A., M.Phil., SET

April 2021

DECLARATION

I, RAPHAEL JOSHUVA S (Register Number: 1813141033035) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BOOK STORE"**. I declare that this is my original work.



PLACE: CHENNAI **RAPHAEL JOSHUVA S**

DATE:07-03-2021 **(Register Number: 1813141033035)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BOOK STORE**" is the bonafide work carried out by **RAPHAEL JOSHUVA S** (Register Number : **1813141033035), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

FAKE REVIEW IDENTIFICATION

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

ROKESH D

(1813141033036)

Under the Guidance of

Mrs. K. RAVIYA M.C.A., M.Phil., SET

April 2021

DECLARATION

I, ROKESH D (Register Number: 1813141033036) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"FAKE REVIEW IDENTIFICATION"**. I declare that this is my original work.



PLACE: CHENNAI **ROKESH D**

DATE: 07-03-2021 **(Register Number: 1813141033036)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FAKE REVIEW IDENTIFICATION**" is the bonafide work carried out by **ROKESH D** (Register Number : **1813141033036), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

ONLINE CULTURALS EVENT REGISTRATION

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SANJAYPRAKASH M

(1813141033037)

Under the Guidance of

Mrs. C. RADHA MCA,M.Phil.,

April 2021

DECLARATION

I, SANJAYPRAKASH M (Register Number: 1813141033037) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE CULTURALS EVENT REGISTRATION"**. I declare that this is my original work.



PLACE: CHENNAI **SANJAYPRAKASH M**

DATE:07-03-2021 **(Register Number: 1813141033037)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CULTURALS EVENT REGISTRATION**" is the bonafide work carried out by **SANJAYPRAKASH M** (Register Number : **1813141033037), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

SOFT STORE

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SARANRAJ J

(1813141033038)

Under the Guidance of

Mrs. C. RADHA MCA,M.Phil.,

April 2021

DECLARATION

I, SARANRAJ J (Register Number: 1813141033038) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"SOFT STORE"**. I declare that this is my original work.



PLACE: CHENNAI **SARANRAJ J**

DATE: 07-03-2021 **(Register Number: 1813141033038)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"SOFT STORE**" is the bonafide work carried out by **SARANRAJ J** (Register Number : **1813141033038), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

ONLINE MOVIE STREAMING

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SINDHURA S

(1813141033039)

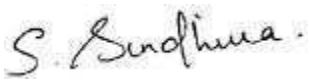
Under the Guidance of

Mrs. C. RADHA MCA,M.Phil.,

April 2021

DECLARATION

I, SINDHURA S (Register Number: 1813141033039) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE MOVIE STREAMING"**. I declare that this is my original work.



PLACE: CHENNAI **SINDHURA S**

DATE: 07-02-2021 **(Register Number: 1813141033039)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE MOVIE STREAMING**" is the bonafide work carried out by **SINDHURA S** (Register Number : **1813141033039), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

DAIRY PRODUCT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SRIHARIHARASUDHAN S

(1813141033040)

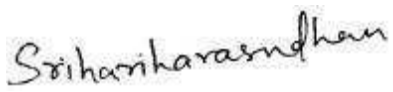
Under the Guidance of

Mrs. C. RADHA MCA,M.Phil.,

April 2021

DECLARATION

I, SRIHARIHARASUDHAN S (Register Number: 1813141033040) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"DAIRY PRODUCT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **SRIHARIHARASUDHAN S**

DATE: 07-03-2021 **(Register Number: 1813141033040)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"DAIRY PRODUCT SYSTEM**" is the bonafide work carried out by **SRIHARIHARASUDHAN S** (Register Number : **1813141033040), III year BCA-A,** Under my guidance and supervision.





ONLINE SHOE SHOPPING

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SRINIVASAN K

(1813141033041)

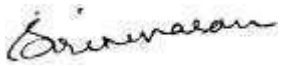
Under the Guidance of

Mrs. C. RADHA MCA,M.Phil.,

April 2021

DECLARATION

I, SRINIVASAN K (Register Number: 1813141033041) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE SHOE SHOPPING"**. I declare that this is my original work.



PLACE: CHENNAI **SRINIVASAN K**

DATE: 07-03-2021 **(Register Number: 1813141033041)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE SHOE SHOPPING**" is the bonafide work carried out by **SRINIVASAN K** (Register Number : **1813141033041), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

E-LIBRARY PORTAL

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SRIRAM M

(1813141033042)

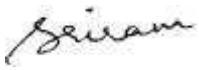
Under the Guidance of

Mrs. C. RADHA MCA,M.Phil.,

April 2021

DECLARATION

I, SRIRAM M (Register Number: 1813141033042) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"E-LIBRARY PORTAL"**. I declare that this is my original work.



PLACE: CHENNAI **SRIRAM M**

DATE:07-03-2021 **(Register Number: 1813141033042)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"E-LIBRARY PORTAL**" is the bonafide work carried out by **SRIRAM M** (Register Number : **1813141033042), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

NET BANKING

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SURENDAR M

(1813141033043)

Under the Guidance of

Mrs. C. RADHA MCA,M.Phil.,

April 2021

DECLARATION

I, SURENDAR M (Register Number: 1813141033043) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"NET BANKING"**. I declare that this is my original work.



PLACE: CHENNAI **SURENDAR M**

DATE: 07-03-2021 **(Register Number: 1813141033043)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"NET BANKING**" is the bonafide work carried out by **SURENDAR M** (Register Number : **1813141033043), III year BCA-A,** Under my guidance and supervision.





ONLINE COURSE REGISTRATION

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SURYA PRAKASH S

(1813141033044)

Under the Guidance of

Mrs. C. RADHA MCA,M.Phil.,

April 2021

DECLARATION

I, SURYA PRAKASH S (Register Number: 1813141033044) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE COURSE REGISTRATION"**. I declare that this is my original work.



PLACE: CHENNAI **SURYA PRAKASH S**

DATE: 07-03-2021 **(Register Number: 1813141033044)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE COURSE REGISTRATION**" is the bonafide work carried out by **SURYA PRAKASH S** (Register Number : **1813141033044), III year BCA-A,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

ONLINE VOTING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

TAMIZHARASU S

(1813141033045)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,B.Ed

April 2021

DECLARATION

I, TAMIZHARASU S (Register Number: 1813141033045) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE VOTING SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **TAMIZHARASU S**

DATE:07-03-2021 **(Register Number: 1813141033045)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE VOTING SYSTEM**" is the bonafide work carried out by **TAMIZHARASU S** (Register Number : **1813141033045), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

ONLINE BLOOD BANK MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VALLARASU E

(1813141033046)

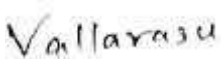
Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,B.Ed

April 2021

DECLARATION

I, VALLARASU E (Register Number: 1813141033046) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BLOOD BANK MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **VALLARASU E**

DATE: 07-03-2021 **(Register Number: 1813141033046)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BLOOD BANK MANAGEMENT SYSTEM**" is the bonafide work carried out by **VALLARASU E** (Register Number : **1813141033046), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

IMAGE STEGNOGRAPHY USING JAVA

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

VIGNESH A

(1813141033047)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,B.Ed

April 2021

DECLARATION

I, VIGNESH A (Register Number: 1813141033047) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"IMAGE STEGNOGRAPHY USING JAVA"**. I declare that this is my original work.



PLACE: CHENNAI **VIGNESH A**

DATE:07-03-2021 **(Register Number: 1813141033047)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"IMAGE STEGNOGRAPHY USING JAVA**" is the bonafide work carried out by **VIGNESH A** (Register Number : **1813141033047), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

FIRE WORDS MANAGEMENT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

VIGNESH R

(1813141033048)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,B.Ed

April 2021

DECLARATION

I, VIGNESH R (Register Number: 1813141033048) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"FIRE WORDS MANAGEMENT"**. I declare that this is my original work.



PLACE: CHENNAI **VIGNESH R**

DATE:07-03-2021 **(Register Number: 1813141033048)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FIRE WORDS MANAGEMENT**" is the bonafide work carried out by **VIGNESH R** (Register Number : **1813141033048), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

FOOD RECIPE WEB APPLICATION

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

VINOTH PANDIAN M

(1813141033049)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,B.Ed

April 2021

DECLARATION

I, VINOTH PANDIAN M (Register Number: 1813141033049) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"FOOD RECIPE WEB APPLICATION"**. I declare that this is my original work.



PLACE: CHENNAI **VINOTH PANDIAN M**

DATE: 07-03-2021 **(Register Number: 1813141033049)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FOOD RECIPE WEB APPLICATION**" is the bonafide work carried out by **VINOTH PANDIAN M** (Register Number : **1813141033049), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

CYBER CAFÉ MANAGEMENT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

VISHAL M

(1813141033050)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,B.Ed

April 2021

DECLARATION

I, VISHAL M (Register Number: 1813141033050) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"CYBER CAFÉ MANAGEMENT"**. I declare that this is my original work.



PLACE: CHENNAI **VISHAL M**

DATE: 07-02-2021 **(Register Number: 1813141033050)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CYBER CAFÉ MANAGEMENT**" is the bonafide work carried out by **VISHAL M** (Register Number : **1813141033050), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

TIMES OF ALUMINI

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

YOGESHWARAN N

(1813141033051)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,B.Ed

April 2021

DECLARATION

I, YOGESHWARAN N (Register Number: 1813141033051) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"TIMES OF ALUMINI"**. I declare that this is my original work.



PLACE: CHENNAI **YOGESHWARAN N**

DATE:07-03-2021 **(Register Number: 1813141033051)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TIMES OF ALUMINI**" is the bonafide work carried out by **YOGESHWARAN N** (Register Number : **1813141033051), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

COMPACT THROUGHPUT IN BLOCKCHAIN OCCUPYING OUTFIT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

YUVARAJ G

(1813141033052)

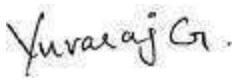
Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,B.Ed

April 2021

DECLARATION

I, YUVARAJ G (Register Number: 1813141033052) III year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"COMPACT THROUGHPUT IN BLOCKCHAIN OCCUPYING OUTFIT"**. I declare that this is my original work.



PLACE: CHENNAI **YUVARAJ G**

DATE:07-03-2021 **(Register Number: 1813141033052)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"COMPACT THROUGHPUT IN BLOCKCHAIN OCCUPYING OUTFIT**" is the bonafide work carried out by **YUVARAJ G** (Register Number : **1813141033052), III year BCA-A,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

IMAGE ENCRYPTION

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

AADHITHYAN. V P

(1813141033053)

Under the Guidance of

Mr.M.SIVASUBRAMANIYAN,M.Sc.,M.Phil.,MCA.,M.Phil

April 2021

DECLARATION

I, AADHITHYAN. V P (Register Number: 1813141033053) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"IMAGE ENCRYPTION"**. I declare that this is my original work.



PLACE:CHENNAI **AADHITHYAN. V P**

DATE: 27/03/21 **(Register Number : 1813141033053)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"IMAGE ENCRYPTION"** is the bonafide work carried out by **AADHITHYAN. V P (Register Number: 1813141033053), III year BCA-B,** Under my guidance and supervision .

Signature of
Project Guide

Signature of
Head of the Department

STUDENT RESULT MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

AJAY KUMAR C

(1813141033054)

Under the Guidance of

Mr.M.SIVASUBRAMANIYAN,M.Sc.,M.Phil.,MCA.,M.Phil

April 2021

DECLARATION

I, AJAY KUMAR C (Register Number: 1813141033054) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"STUDENT RESULT MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE:Chennai **AJAY KUMAR C**

DATE: 27/03/2021 **(Register Number : 1813141033054)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENT RESULT MANAGEMENT SYSTEM"** is the bonafide work carried out by **AJAY KUMAR C (Register Number: 1813141033054), III year BCA-B,** Under my guidance and supervision .

Signature of
Project Guide

Signature of
Head of the Department

BUS BOOKING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ANAND A

(1813141033055)

Under the Guidance of

Mr.M.SIVASUBRAMANIYAN,M.Sc.,M.Phil.,MCA.,M.Phil

April 2021

DECLARATION

I, ANAND A (Register Number: 1813141033055) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"BUS BOOKING SYSTEM"**. I declare that this is my original work.



PLACE:Chennai **ANAND A**

DATE: 27/03/2021 **(Register Number : 1813141033055)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BUS BOOKING SYSTEM"** is the bonafide work carried out by **ANAND A (Register Number: 1813141033055), III year BCA-B,** Under my guidance and supervision .

Signature of
Project Guide

Signature of
Head of the Department

ONLINE RECRUITMENT PORTAL

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

ARUNKUMAR S

(1813141033056)

Under the Guidance of

Mr.M.SIVASUBRAMANIYAN,M.Sc.,M.Phil.,MCA.,M.Phil

April 2021

DECLARATION

I, ARUNKUMAR S (Register Number: 1813141033056) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE RECRUITMENT PORTAL"**. I declare that this is my original work.



PLACE:CHENNAI **ARUNKUMAR S**

DATE: 27-03-2021 **(Register Number : 1813141033056)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE RECRUITMENT PORTAL"** is the bonafide work carried out by **ARUNKUMAR S (Register Number: 1813141033056), III year BCA-B,** Under my guidance and supervision .



Signature of
Project Guide



Signature of
Head of the Department

CRIME REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ASWATH L

(1813141033057)

Under the Guidance of

Mr.M.SIVASUBRAMANIYAN,M.Sc.,M.Phil.,MCA.,M.Phil

April 2021

DECLARATION

I, ASWATH L (Register Number: 1813141033057) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"CRIME REPORT"**. I declare that this is my original work.



PLACE: CHENNAI **ASWATH L**

DATE: 27/03/2021 **(Register Number : 1813141033056)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CRIME REPORT"** is the bonafide work carried out by **ASWATH L (Register Number: 1813141033057), III year BCA-B,** Under my guidance and supervision .

Signature of
Project Guide

Signature of
Head of the Department

STUDENT ATTENDANCE APPLICATION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

BALAJI B

(1813141033058)

Under the Guidance of

Mr.M.SIVASUBRAMANIYAN,M.Sc.,M.Phil.,MCA.,M.Phil

April 2021

DECLARATION

I, BALAJI B (Register Number: 1813141033058) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"STUDENT ATTENDANCE APPLICATION"**. I declare that this is my original work.



PLACE: CHENNAI **BALAJI B**

DATE: 27-03-2021 **(Register Number : 1813141033058)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENT ATTENDANCE APPLICATION"** is the bonafide work carried out by **BALAJI B (Register Number: 1813141033058), III year BCA-B,** Under my guidance and supervision .



Signature of
Project Guide



Signature of
Head of the Department

DIGITAL VEHICLE LICENSE INSURANCE RCBOOK TRACING FOR POLICE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

BALAKUMAR M

(1813141033059)

Under the Guidance of

Mr.M.SIVASUBRAMANIYAN,M.Sc.,M.Phil.,MCA.,M.Phil

April 2021

DECLARATION

I, BALAKUMAR M (Register Number: 1813141033059) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"DIGITAL VEHICLE LICENSE INSURANCE RCBOOK TRACING FOR POLICE"**. I declare that this is my original work.



PLACE:CHENNAI **BALAKUMAR M**

DATE: 27-03-2021 **(Register Number : 1813141033059)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"DIGITAL VEHICLE LICENSE INSURANCE RCBOOK TRACING FOR POLICE"** is the bonafide work carried out by **BALAKUMAR M (Register Number: 1813141033059), III year BCA-B,** Under my guidance and supervision .

Signature of
Project Guide

Signature of
Head of the Department

TRAVEL AND TOURISM SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

BHARATH KUMAR R

(1813141033060)

Under the Guidance of

Mr.M.SIVASUBRAMANIYAN,M.Sc.,M.Phil.,MCA.,M.Phil

April 2021

DECLARATION

I, BHARATH KUMAR R (Register Number: 1813141033060) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"TRAVEL AND TOURISM SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **BHARATH KUMAR R**

DATE: 27-03-2021 **(Register Number : 1813141033060)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TRAVEL AND TOURISM SYSTEM"** is the bonafide work carried out by **BHARATH KUMAR R (Register Number: 1813141033060), III year BCA-B,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

BLOOD BANK DEPOSITORY SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

CHANDHU M U

(1813141033061)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, CHANDHU M U (Register Number: 1813141033061) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"BLOOD BANK DEPOSITORY SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **CHANDHU M U**

DATE: 27-03-2021 **(Register Number : 1813141033061)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BLOOD BANK DEPOSITORY SYSTEM"** is the bonafide work carried out by **CHANDHU M U (Register Number: 1813141033061), III year BCA-B,** Under my guidance and supervision.

Signature of

Project Guide

Signature of

Head of the Department

JOB PORTAL

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

DEEPAK M

(1813141033062)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, DEEPAK M (Register Number: 1813141033062) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"JOB PORTAL"**. I declare that this is my original work.



PLACE:CHENNAI **DEEPAK M**

DATE: 27-03-2021 **(Register Number : 1813141033062)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"JOB PORTAL"** is the bonafide work carried out by **DEEPAK M (Register Number: 1813141033062), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

ONLINE CAR RENTAL

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

FRANKLIN JOSHUA J

(1813141033063)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, FRANKLIN JOSHUA J (Register Number: 1813141033063) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE CAR RENTAL"**. I declare that this is my original work.



PLACE:CHENNAI **FRANKLIN JOSHUA J**

DATE: 27-03-2021 **(Register Number : 1813141033063)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CAR RENTAL"** is the bonafide work carried out by **FRANKLIN JOSHUA J (Register Number: 1813141033063), III year BCA-B,** Under my guidance and supervision.

Signature of

Project Guide

Signature of

Head of the Department

TECHNICAL DISCUSSION FORUM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

GIRIDHARAN P

(1813141033064)

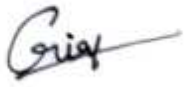
Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, GIRIDHARAN P (Register Number: 1813141033064) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"TECHNICAL DISCUSSION FORUM"**. I declare that this is my original work.



PLACE:CHENNAI **GIRIDHARAN P**

DATE: 27-03-2021 **(Register Number : 1813141033064)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TECHNICAL DISCUSSION FORUM "** is the bonafide work carried out by **GIRIDHARAN P (Register Number: 1813141033064), III year BCA-B,** Under my guidance and supervision.

Signature of

Project Guide

Signature of

Head of the Department

SMART PARKING MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

GOKUL M

(1813141033065)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, GOKUL M (Register Number: 1813141033065) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"SMART PARKING MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **GOKUL M**

DATE: 27-03-2021 **(Register Number : 1813141033065)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"SMART PARKING MANAGEMENT SYSTEM"** is the bonafide work carried out by **GOKUL M (Register Number: 1813141033065), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

DAIRY FARMING SHOPPING MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

HARISH RAGHAVENDRA K

(1813141033066)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, HARISH RAGHAVENDRA K (Register Number: 1813141033066) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"DAIRY FARMING SHOPPING MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **HARISH RAGHAVENDRA K**

DATE: 27-03-2021 **(Register Number : 1813141033066)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"DAIRY FARMING SHOPPING MANAGEMENT SYSTEM"** is the bonafide work carried out by **HARISH RAGHAVENDRA K (Register Number: 1813141033066), III year BCA-B,** Under my guidance and supervision.

Signature of

Project Guide

Signature of

Head of the Department

ABSOLUTE FITNESS GYM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

JAYACHANDIRAN K

(1813141033067)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, JAYACHANDIRAN K (Register Number: 1813141033067) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ABSOLUTE FITNESS GYM"**. I declare that this is my original work.



PLACE:CHENNAI **JAYACHANDIRAN K**

DATE: 27-03-2021 **(Register Number : 1813141033067)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ABSOLUTE FITNESS GYM"** is the bonafide work carried out by **JAYACHANDIRAN K (Register Number: 1813141033067), III year BCA-B,** Under my guidance and supervision.

Signature of

Project Guide

Signature of

Head of the Department

FOREIGN TRADING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KAMALESHWARAN M

(1813141033068)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, KAMALESHWARAN M (Register Number: 1813141033068) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"FOREIGN TRADING SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **KAMALESHWARAN M**

DATE: 27-03-2021 **(Register Number : 1813141033068)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FOREIGN TRADING SYSTEM"** is the bonafide work carried out by **KAMALESHWARAN M (Register Number: 1813141033068), III year BCA-B,** Under my guidance and supervision.

Signature of

Project Guide

Signature of

Head of the Department

TRAFFIC LIGHTS USING ARDUINO

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KARTHIK G K

(1813141033069)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, KARTHIK G K (Register Number: 1813141033069) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"TRAFFIC LIGHTS USING ARDUINO"**. I declare that this is my original work.



PLACE: CHENNAI **KARTHIK G K**

DATE: 27-03-2021 **(Register Number : 1813141033069)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TRAFFIC LIGHTS USING ARDUINO"** is the bonafide work carried out by **KARTHIK G K (Register Number: 1813141033069), III year BCA-B,** Under my guidance and supervision.

Signature of

Project Guide

Signature of

Head of the Department

ONLINE SHOPPING PORTAL

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

LOKESH V

(1813141033070)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, LOKESH V(Register Number: 1813141033070) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE SHOPPING PORTAL"**. I declare that this is my original work.



PLACE:CHENNAI **LOKESH V**

DATE: 27-03-2021 **(Register Number : 1813141033070)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE SHOPPING PORTAL"** is the bonafide work carried out by **LOKESH V(Register Number: 1813141033070), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

ONLINE HOSTEL MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MANI KANDAN V

(1813141033071)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, MANI KANDAN V(Register Number: 1813141033071) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE HOSTEL MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **MANI KANDAN V**

DATE: 27-03-2021 **(Register Number : 1813141033071)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE HOSTEL MANAGEMENT SYSTEM"** is the bonafide work carried out by **MANI KANDAN V(Register Number: 1813141033071), III year BCA-B,** Under my guidance and supervision.

Signature of

Project Guide

Signature of
Head of the Department

MATRIMONIAL WEBSITE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MANIBALAN S

(1813141033072)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, MANIBALAN S(Register Number: 1813141033072) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"MATRIMONIAL WEBSITE"**. I declare that this is my original work.



PLACE:CHENNAI **MANIBALAN S**

DATE: 27-03-2021 **(Register Number : 1813141033072)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"MATRIMONIAL WEBSITE"** is the bonafide work carried out by **MANIBALAN S(Register Number: 1813141033072), III year BCA-B,** Under my guidance and supervision.

Signature of

Project Guide

Signature of

Head of the Department

ONLINE MARRIAGE REGISTRATION SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MOHAMMED YUNUS K A

(1813141033073)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, MOHAMMED YUNUS K A(Register Number: 1813141033073) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE MARRIAGE REGISTRATION SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **MOHAMMED YUNUS K A**

DATE: 27-03-2021 **(Register Number : 1813141033073)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE MARRIAGE REGISTRATION SYSTEM"** is the bonafide work carried out by **MOHAMMED YUNUS K A(Register Number: 1813141033073), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

HOTEL BOOKING MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MUHAMMED MAHATHIR S

(1813141033074)

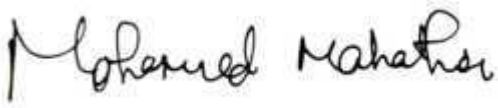
Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, MUHAMMED MAHATHIR S(Register Number: 1813141033074) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"HOTEL BOOKING MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **MUHAMMED MAHATHIR S**

DATE: 27-03-2021 **(Register Number : 1813141033074)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOTEL BOOKING MANAGEMENT SYSTEM"** is the bonafide work carried out by **MUHAMMED MAHATHIR S(Register Number: 1813141033074), III year BCA-B,** Under my guidance and supervision.

Signature of

Project Guide

Signature of

Head of the Department

DAILY EXPENSES TRACKER SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MUKUNTHAN C

(1813141033075)

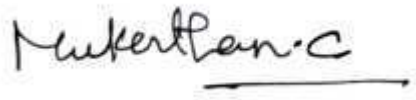
Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, MUKUNTHAN C(Register Number: 1813141033075) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"DAILY EXPENSES TRACKER SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **MUKUNTHAN C**

DATE: 27-03-2021 **(Register Number : 1813141033075)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"DAILY EXPENSES TRACKER SYSTEM"** is the bonafide work carried out by **MUKUNTHAN C(Register Number: 1813141033075), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

ONLINE BIRTH CERTIFICATE SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MUTHU RAGHAVAN R

(1813141033076)

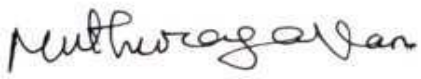
Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, MUTHU RAGHAVAN R(Register Number: 1813141033076) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BIRTH CERTIFICATE SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **MUTHU RAGHAVAN R**

DATE: 27-03-2021 **(Register Number : 1813141033076)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BIRTH CERTIFICATE SYSTEM"** is the bonafide work carried out by **MUTHU RAGHAVAN R(Register Number: 1813141033076), III year BCA-B,** Under my guidance and supervision.

Signature of

Project Guide

Signature of

Head of the Department

TAXI DISPATCH SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MUTHULAKSHMI R

(1813141033077)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, MUTHULAKSHMI R(Register Number: 1813141033077) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"TAXI DISPATCH SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **MUTHULAKSHMI R**

DATE: 27-03-2021 **(Register Number : 1813141033077)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TAXI DISPATCH SYSTEM"** is the bonafide work carried out by **MUTHULAKSHMI R(Register Number: 1813141033077), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

TEACHER RECORD MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NAGANVESH T M

(1813141033078)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, NAGANVESH T M(Register Number: 1813141033078) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"TEACHER RECORD MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **NAGANVESH T M**

DATE:27-03-2021 **(Register Number : 1813141033078)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TEACHER RECORD MANAGEMENT SYSTEM"** is the bonafide work carried out by **NAGANVESH T M(Register Number: 1813141033078), III year BCA-B,** Under my guidance and supervision.

Signature of

Project Guide

Signature of
Head of the Department

LIBRARY MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NARESH KUMAR S

(1813141033079)

Under the Guidance of

MS.I.PREETHI M.Sc(IT).,M.Phil

April 2021

DECLARATION

I, NARESH KUMAR S(Register Number: 1813141033079) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"LIBRARY MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **NARESH KUMAR S**

DATE: 27-03-2021 **(Register Number : 1813141033079)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"LIBRARY MANAGEMENT SYSTEM"** is the bonafide work carried out by **NARESH KUMAR S(Register Number: 1813141033079), III year BCA-B,** Under my guidance and supervision.

Signature of

Project Guide

Signature of

Head of the Department

WAREHOUSE INVENTORY MANAGEMENT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NAVIN GANDHI V

(1813141033080)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, NAVIN GANDHI V(Register Number: 1813141033080) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"WAREHOUSE INVENTORY MANAGEMENT"**. I declare that this is my original work.



PLACE:CHENNAI **NAVIN GANDHI V**

DATE: 27-03-2021 **(Register Number : 1813141033080)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"WAREHOUSE INVENTORY MANAGEMENT"** is the bonafide work carried out by **NAVIN GANDHI V(Register Number: 1813141033080), III year BCA-B,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

ONLINE SHOPPING PORTAL

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

OMJ RAKESHKUMAR

(1813141033081)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, OMJ RAKESHKUMAR(Register Number: 1813141033081) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE SHOPPING PORTAL"**. I declare that this is my original work.



PLACE:CHENNAI **OMJ RAKESHKUMAR**

DATE: 27-03-2021 **(Register Number : 1813141033081)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE SHOPPING PORTAL"** is the bonafide work carried out by **OMJ RAKESHKUMAR(Register Number: 1813141033081), III year BCA-B,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

FURNITURE MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRABIN S

(1813141033082)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, PRABIN S(Register Number: 1813141033082) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"FURNITURE MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **PRABIN S**

DATE: 27-03-2021 **(Register Number : 1813141033082)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FURNITURE MANAGEMENT SYSTEM"** is the bonafide work carried out by **PRABIN S(Register Number: 1813141033082), III year BCA-B,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

SUPPLY CHAIN MANAGEMENT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRASANTH KUMAR S

(1813141033083)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, PRASANTH KUMAR S(Register Number: 1813141033083) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"SUPPLY CHAIN MANAGEMENT"**. I declare that this is my original work.



PLACE:CHENNAI **PRASANTH KUMAR S**

DATE: 27-03-2021 **(Register Number : 1813141033083)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"SUPPLY CHAIN MANAGEMENT"** is the bonafide work carried out by **PRASANTH KUMAR S(Register Number: 1813141033083), III year BCA-B,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

NEWS PORTAL

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRASHANNA R

(1813141033084)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, PRASHANNA R(Register Number: 1813141033084) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"NEWS PORTAL"**. I declare that this is my original work.



PLACE: CHENNAI **PRASHANNA R**

DATE: 27-03-2021 **(Register Number : 1813141033084)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"NEWS PORTAL"** is the bonafide work carried out by **PRASHANNA R(Register Number: 1813141033084), III year BCA-B,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

AUTOMATED PRICE PREDICTION FOR ONLINE PROPERTIES

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRASHANTH M

(1813141033085)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, PRASHANTH M(Register Number: 1813141033085) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"AUTOMATED PRICE PREDICTION FOR ONLINE PROPERTIES"**. I declare that this is my original work.

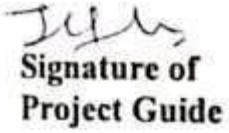


PLACE:CHENNAI **PRASHANTH M**

DATE: 27-03-2021 **(Register Number : 1813141033085)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"AUTOMATED PRICE PREDICTION FOR ONLINE PROPERTIES"** is the bonafide work carried out by **PRASHANTH M(Register Number: 1813141033085), III year BCA-B,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

E-COMMERCE WEBSITE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PREETHA D

(1813141033086)

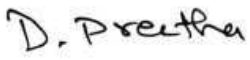
Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, PREETHA D(Register Number: 1813141033086) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"E-COMMERCE WEBSITE"**. I declare that this is my original work.



PLACE:CHENNAI **PREETHA D**

DATE: 27-03-2021 **(Register Number : 1813141033086)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"E-COMMERCE WEBSITE"** is the bonafide work carried out by **PREETHA D(Register Number: 1813141033086), III year BCA-B,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

SHARE MARKET PRODUCT PRICE GROWTH PREDICTION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

RAGHURAMAN K

(1813141033087)

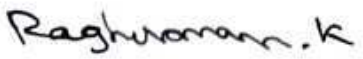
Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, RAGHURAMAN K(Register Number: 1813141033087) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"SHARE MARKET PRODUCT PRICE GROWTH PREDICTION"**. I declare that this is my original work.



PLACE:CHENNAI **RAGHURAMAN K**

DATE: 27-03-2021 **(Register Number : 1813141033087)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"SHARE MARKET PRODUCT PRICE GROWTH PREDICTION"** is the bonafide work carried out by **RAGHURAMAN K(Register Number: 1813141033087), III year BCA-B,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

HOSPITAL MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

RATHNAGAR S

(1813141033088)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, RATHNAGAR S(Register Number: 1813141033088) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"HOSPITAL MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **RATHNAGAR S**

DATE: 27-03-2021 **(Register Number : 1813141033088)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOSPITAL MANAGEMENT SYSTEM"** is the bonafide work carried out by **RATHNAGAR S(Register Number: 1813141033088), III year BCA-B,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

BLOOD DONORS MANAGEMENT USING ANDROID

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ROHITH E

(1813141033089)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, ROHITH E(Register Number: 1813141033089) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"BLOOD DONORS MANAGEMENT USING ANDROID"**. I declare that this is my original work.



PLACE:CHENNAI **ROHITH E**

DATE: 27-03-2021 **(Register Number : 1813141033089)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BLOOD DONORS MANAGEMENT USING ANDROID"** is the bonafide work carried out by **ROHITH E(Register Number: 1813141033089), III year BCA-B,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

ONLINE HOME SERVICE SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SANJAY R

(1813141033091)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, SANJAY R(Register Number: 1813141033091) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE HOME SERVICE SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **SANJAY R**

DATE: 27-03-2021 **(Register Number : 1813141033091)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE HOME SERVICE SYSTEM"** is the bonafide work carried out by **SANJAY R(Register Number: 1813141033091), III year BCA-B,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

THEME PARK MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SANTHOSH KUMAR U

(1813141033092)

Under the Guidance of

Mr.R.RAGHU RAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, SANTHOSH KUMAR U(Register Number: 1813141033092) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"THEME PARK MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **SANTHOSH KUMAR U**

DATE: 27-03-2021 **(Register Number : 1813141033092)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"THEME PARK MANAGEMENT SYSTEM"** is the bonafide work carried out by **SANTHOSH KUMAR U(Register Number: 1813141033092), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

RAILWAY RESERVATION SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SHIV PRANAV B GARGI

(1813141033093)

Under the Guidance of

Mr.R.RAGHU RAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, SHIV PRANAV B GARGI(Register Number: 1813141033093) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"RAILWAY RESERVATION SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **SHIV PRANAV B GARGI**

DATE: 27-03-2021 **(Register Number : 1813141033093)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"RAILWAY RESERVATION SYSTEM"** is the bonafide work carried out by **SHIV PRANAV B GARGI(Register Number: 1813141033093), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

HOSTEL MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SIVA A

(1813141033094)

Under the Guidance of

Mr.R.RAGHU RAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, SIVA A(Register Number: 1813141033094) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"HOSTEL MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **SIVA A**

DATE:27-03-2021 **(Register Number : 1813141033094)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOSTEL MANAGEMENT SYSTEM"** is the bonafide work carried out by **SIVA A(Register Number: 1813141033094), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

A BLOCKCHAIN BASED EDUCATIONAL RECORDS

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SIVA T

(1813141033095)

Under the Guidance of

Mr.R.RAGHU RAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, SIVA T(Register Number: 1813141033095) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"A BLOCKCHAIN BASED EDUCATIONAL RECORDS"**. I declare that this is my original work.



PLACE:CHENNAI **SIVA T**

DATE: 27-03-2021 **(Register Number : 1813141033095)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A BLOCKCHAIN BASED EDUCATIONAL RECORDS"** is the bonafide work carried out by **SIVA T(Register Number: 1813141033095), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

TUTEE FRIENDLY WEBSITE SCHOOL MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SUJAY A S

(1813141033096)

Under the Guidance of

Mr.R.RAGHU RAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, SUJAY A S(Register Number: 1813141033096) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"TUTEE FRIENDLY WEBSITE SCHOOL MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **SUJAY A S**

DATE: 27-03-2021 **(Register Number : 1813141033096)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TUTEE FRIENDLY WEBSITE SCHOOL MANAGEMENT SYSTEM"** is the bonafide work carried out by **SUJAY A S(Register Number: 1813141033096), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

TOURISM MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SUREN KUMAR S

(1813141033097)

Under the Guidance of

Mr.R.RAGHU RAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, SUREN KUMAR S(Register Number: 1813141033097) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"TOURISM MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **SUREN KUMAR S**

DATE: 27-03-2021 **(Register Number : 1813141033097)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TOURISM MANAGEMENT SYSTEM"** is the bonafide work carried out by **SUREN KUMAR S(Register Number: 1813141033097), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

CULTURAL EVENT ONLINE REGISTRATION PORTAL

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SURIYA KUMAR S

(1813141033098)

Under the Guidance of

Mr.R.RAGHU RAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, SURIYA KUMAR S(Register Number: 1813141033098) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"CULTURAL EVENT ONLINE REGISTRATION PORTAL"**. I declare that this is my original work.



PLACE:CHENNAI **SURIYA KUMAR S**

DATE: 27-03-2021 **(Register Number : 1813141033098)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CULTURAL EVENT ONLINE REGISTRATION PORTAL"** is the bonafide work carried out by **SURIYA KUMAR S(Register Number: 1813141033098), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

TRAFFIC OFFENSE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

THANEKACHALAM J

(1813141033099)

Under the Guidance of

Mr.R.RAGHU RAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, THANEKACHALAM J(Register Number: 1813141033099) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"TRAFFIC OFFENSE"**. I declare that this is my original work.



PLACE:CHENNAI **THANEKACHALAM J**

DATE: 27-03-2021 **(Register Number : 1813141033099)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TRAFFIC OFFENSE"** is the bonafide work carried out by **THANEKACHALAM J(Register Number: 1813141033099), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

ATM BANKING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VENKATESH S

(1813141033100)

Under the Guidance of

Mr.R.RAGHU RAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, VENKATESH S(Register Number: 1813141033100) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ATM BANKING SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **VENKATESH S**

DATE: 27-03-2021 **(Register Number : 1813141033100)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ATM BANKING SYSTEM"** is the bonafide work carried out by **VENKATESH S(Register Number: 1813141033100), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

ZOO PLANET

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VIKRAM S

(1813141033101)

Under the Guidance of

Mr.R.RAGHU RAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, VIKRAM S(Register Number: 1813141033101) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ZOO PLANET"**. I declare that this is my original work.



PLACE:CHENNAI **VIKRAM S**

DATE: 27-03-2021 **(Register Number : 1813141033101)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ZOO PLANET"** is the bonafide work carried out by **VIKRAM S(Register Number: 1813141033101), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

ONLINE COURIER BOOKING AND SERVICES

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VISHNU K

(1813141033102)

Under the Guidance of

Mr.R.RAGHU RAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, VISHNU K(Register Number: 1813141033102) III year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE COURIER BOOKING AND SERVICES"**. I declare that this is my original work.



PLACE:CHENNAI **VISHNU K**

DATE: 27-03-2021 **(Register Number : 1813141033102)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE COURIER BOOKING AND SERVICES"** is the bonafide work carried out by **VISHNU K(Register Number: 1813141033102), III year BCA-B,** Under my guidance and supervision.



Signature of

Project Guide



Signature of

Head of the Department

AIRLINE RESERVATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ABDUL RAHIM S

(1813141033103)

Under the Guidance of

Mr.R.Raghu Raman MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, ABDUL RAHIM S(Register Number: 1813141033103) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"AIRLINE RESERVATION SYSTEM"**.I declare that this is my original work.



PLACE:CHENNAI **ABDUL RAHIM S**

DATE: 27/03/21 **(Register Number :1813141033103)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"AIRLINE RESERVATION SYSTEM"**is the bonafide work carried out by **ABDUL RAHIM S(Register Number: 1813141033103), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of Head of the Department

E-COMMERCE WEBSITE(GAME SHOPPING)

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

AJAY T S

(1813141033104)

Under the Guidance of

Mr.R.Raghu Raman MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, AJAY T S(Register Number: 1813141033104) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"E-COMMERCE WEBSITE(GAME SHOPPING)"**.I declare that this is my original work.



PLACE:CHENNAI **AJAY T S**

DATE: 27/03/21 **(Register Number :1813141033104)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"E-COMMERCE WEBSITE(GAME SHOPPING)"**is the bonafide work carried out by **AJAY T S(Register Number: 1813141033104), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

E-VOTING SYSTEM FOR COLLEGE

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

AKASH G

(1813141033105)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil

April 2021

DECLARATION

I, AKASH G(Register Number: 1813141033105) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"E-VOTING SYSTEM FOR COLLEGE"**.I declare that this is my original work.



PLACE:CHENNAI **AKASH G**

DATE: 27/03/21 **(Register Number :1813141033105)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"E-VOTING SYSTEM FOR COLLEGE"**is the bonafide work carried out by **AKASH G (Register Number: 1813141033105), III yearBCA-C,** Under my guidance and supervision.

Signature of project guide

Signature of
Head of the Department

ONLINE QUIZ WEB APPLICATIONS

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

AKASH R

(1813141033106)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, AKASH R(Register Number: 1813141033106) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE QUIZ WEB APPLICATIONS"**.I declare that this is my original work.



PLACE:CHENNAI **AKASH R**

DATE: 27/03/21 **(Register Number :1813141033106)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE QUIZ WEB APPLICATIONS"**is the bonafide work carried out by **AKASH R(Register Number: 1813141033106), III yearBCA-C,** Under my guidance and supervision.

Signature of project guide

Signature of Head of the Department

EMPLOYMENT LEAVE MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ALFRED L

(1813141033107)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, ALFRED L(Register Number: 1813141033107) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"EMPLOYMENT LEAVE MANAGEMENT SYSTEM"**.I declare that this is my original work.

PLACE:CHENNAI **ALFRED L**

DATE: 27/03/21 **(Register Number :1813141033107)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"EMPLOYMENT LEAVE MANAGEMENT SYSTEM"**is the bonafide work carried out by **ALFRED L(Register Number: 1813141033107), III yearBCA-C,** Under my guidance and supervision.

Signature of project guide

Signature of Head of the Department

ONLINE HOME SERVICE SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

ARAVIND C M

(1813141033108)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, ARAVIND C M(Register Number: 1813141033108) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE HOME SERVICE SYSTEM"**.I declare that this is my original work.



PLACE:CHENNAI **ARAVIND C M**

DATE: 27/03/21 **(Register Number :1813141033108)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE HOME SERVICE SYSTEM"**is the bonafide work carried out by **ARAVIND C M(Register Number: 1813141033108), III yearBCA-C,** Under my guidance and supervision.

Signature of project guide

Signature of Head of the Department

HOSPITAL MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ARUNKUMAR B

(1813141033109)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, ARUNKUMAR B(Register Number: 1813141033109) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"HOSPITAL MANAGEMENT SYSTEM"**.I declare that this is my original work.



PLACE:CHENNAI **ARUNKUMAR B**

DATE: 27/03/21 **(Register Number :1813141033109)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOSPITAL MANAGEMENT SYSTEM"**is the bonafide work carried out by **ARUNKUMAR B(Register Number: 1813141033109), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

RAILWAY RESERVATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

BAGYARAJ P

(1813141033110)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, BAGYARAJ P(Register Number: 1813141033110) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"RAILWAY RESERVATION SYSTEM"**.I declare that this is my original work.



PLACE:CHENNAI **BAGYARAJ P**

DATE: 27/03/21 **(Register Number :1813141033110)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"RAILWAY RESERVATION SYSTEM"**is the bonafide work carried out by **BAGYARAJ P(Register Number: 1813141033110), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of Head of the Department

LIBRARY MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

BALAJI E

(1813141033111)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, BALAJI E(Register Number: 1813141033111) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"LIBRARY MANAGEMENT SYSTEM"**.I declare that this is my original work.



PLACE:CHENNAI **BALAJI E**

DATE: 27/03/21 **(Register Number :1813141033111)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"LIBRARY MANAGEMENT SYSTEM"**is the bonafide work carried out by **BALAJI E(Register Number: 1813141033111), III yearBCA-C,** Under my guidance and supervision.

Signature of project guide

Signature of Head of the Department

ONLINE MOVIE TICKET BOOKING MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

DARSHAN S

(1813141033112)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, DARSHAN S(Register Number: 1813141033112) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE MOVIE TICKET BOOKING MANAGEMENT SYSTEM"**.I declare that this is my original work.



PLACE:CHENNAI **DARSHAN S**

DATE: 27/03/21 **(Register Number :1813141033112)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE MOVIE TICKET BOOKING MANAGEMENT SYSTEM"**is the bonafide work carried out by **DARSHAN S(Register Number: 1813141033112), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

ONLINE QUIZ PROGRAM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

DEEPAK SAI V

(1813141033113)

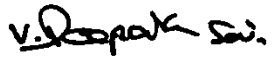
Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, DEEPAK SAI V(Register Number: 1813141033113) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE QUIZ PROGRAM"**.I declare that this is my original work.



PLACE:CHENNAI **DEEPAK SAI V**

DATE: 27/03/21 **(Register Number :1813141033113)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE QUIZ PROGRAM"**is the bonafide work carried out by **DEEPAK SAI V(Register Number: 1813141033113), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

ONLINE COURSE ENROLLMENT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

DHANUSH V

(1813141033114)

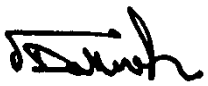
Under the Guidance of

Mr. Govindarajan S M.Sc.,M.Phil.,SET.,NET.

April 2021

DECLARATION

I, DHANUSH V(Register Number: 1813141033114) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE COURSE ENROLLMENT"**.I declare that this is my original work.

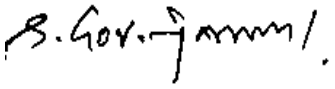


PLACE:CHENNAI **DHANUSH V**

DATE: 27/03/21 **(Register Number :1813141033114)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE COURSE ENROLLMENT"**is the bonafide work carried out by **DHANUSH V(Register Number: 1813141033114), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

BUS PASS RENEWAL

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

DHINESH KUMAR R

(1813141033115)

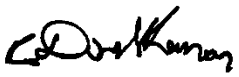
Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, DHINESH KUMAR R(Register Number: 1813141033115) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"BUS PASS RENEWAL"**.I declare that this is my original work.



PLACE:CHENNAI **DHINESH KUMAR R**

DATE: 27/03/21 **(Register Number :1813141033115)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BUS PASS RENEWAL"**is the bonafide work carried out by **DHINESH KUMAR R(Register Number: 1813141033115), III yearBCA-C,** Under my guidance and supervision.

Signature of project guide

Signature of
Head of the Department

BIKERS PORTAL

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

GANESAN K

(1813141033116)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, GANESAN K(Register Number: 1813141033116) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"BIKERS PORTAL"**.I declare that this is my original work.



PLACE:CHENNAI **GANESAN K**

DATE: 27/03/21 **(Register Number :1813141033116)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BIKERS PORTAL"**is the bonafide work carried out by **GANESAN K(Register Number: 1813141033116), III yearBCA-C,** Under my guidance and supervision.

Signature of project guide

Signature of
Head of the Department

ONLINE SHOPPING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

GOKUL KANNAN M

(1813141033117)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, GOKUL KANNAN M(Register Number: 1813141033117) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE SHOPPING SYSTEM"**.I declare that this is my original work.



PLACE:CHENNAI **GOKUL KANNAN M**

DATE: 27/03/21 **(Register Number :1813141033117)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE SHOPPING SYSTEM"**is the bonafide work carried out by **GOKUL KANNAN M(Register Number: 1813141033117), III yearBCA-C,** Under my guidance and supervision.

Signature of project guide

Signature of Head of the Department

DYNAMIC PHOTO GALLERY

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

GOPI S

(1813141033118)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, GOPI S(Register Number: 1813141033118) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"DYNAMIC PHOTO GALLERY"**.I declare that this is my original work.



PLACE:CHENNAI **GOPI S**

DATE: 27/03/21 **(Register Number :1813141033118)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"DYNAMIC PHOTO GALLERY"**is the bonafide work carried out by **GOPI S(Register Number: 1813141033118), III yearBCA-C,** Under my guidance and supervision.

Signature of project guide

Signature of Head of the Department

STUDENTS AND STAFF AUTOMATION SYSTEM JAVA PROJECT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

GOWTHAMRAJ R

(1813141033119)

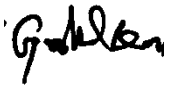
Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, GOWTHAMRAJ R(Register Number: 1813141033119) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"STUDENTS AND STAFF AUTOMATION SYSTEM JAVA PROJECT"**.I declare that this is my original work.



PLACE:CHENNAI **GOWTHAMRAJ R**

DATE: 27/03/21 **(Register Number :1813141033119)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENTS AND STAFF AUTOMATION SYSTEM JAVA PROJECT"**is the bonafide work carried out by **GOWTHAMRAJ R(Register Number: 1813141033119), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of Head of the Department

QUIZZER- ONLINE QUIZ WEB APPLICATION

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

HARISHVAR M

(1813141033120)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, HARISHVAR M(Register Number: 1813141033120) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"QUIZZER- ONLINE QUIZ WEB APPLICATION"**.I declare that this is my original work.



PLACE:CHENNAI **HARISHVAR M**

DATE: 27/03/21 **(Register Number :1813141033120)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"QUIZZER- ONLINE QUIZ WEB APPLICATION"**is the bonafide work carried out by **HARISHVAR M(Register Number: 1813141033120), III yearBCA-C,** Under my guidance and supervision.

Signature of project guide

Signature of Head of the Department

ONLINE NEWS PORTAL

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KARAN M

(1813141033121)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, KARAN M(Register Number: 1813141033121) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE NEWS PORTAL"**.I declare that this is my original work.



PLACE:CHENNAI **KARAN M**

DATE: 27/03/21 **(Register Number :1813141033121)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE NEWS PORTAL"**is the bonafide work carried out by **KARAN M(Register Number: 1813141033121), III yearBCA-C,** Under my guidance and supervision.

Signature of project guide

Signature of Head of the Department

STUDENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KARTHIKEYAN G

(1813141033122)

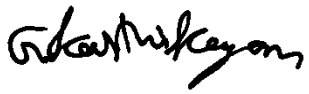
Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, KARTHIKEYAN G(Register Number: 1813141033122) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"STUDENT MANAGEMENT SYSTEM"**.I declare that this is my original work.



PLACE:CHENNAI **KARTHIKEYAN G**

DATE: 27/03/21 **(Register Number :1813141033122)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENT MANAGEMENT SYSTEM"**is the bonafide work carried out by **KARTHIKEYAN G(Register Number: 1813141033122), III yearBCA-C,** Under my guidance and supervision.

Signature of project guide

Signature of Head of the Department

BUDGET MAINTENANCE

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KATHIRVEL E

(1813141033123)

Under the Guidance of

Ms.S.Sreepriya, M.Sc, M.Tech, M.Phil.

April 2021

DECLARATION

I, KATHIRVEL E(Register Number: 1813141033123) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"BUDGET MAINTENANCE"**.I declare that this is my original work.

PLACE:CHENNAI **KATHIRVEL E**

DATE: 27/03/21 **(Register Number :1813141033123)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BUDGET MAINTENANCE"**is the bonafide work carried out by **KATHIRVEL E(Register Number: 1813141033123), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

ONLINE EDUCATIONAL MANAGEMENT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KEETHIR AHAMED KABEER R

(1813141033124)

Under the Guidance of

Mrs. Ramyadevi R MCA.

April 2021

DECLARATION

I, KEETHIR AHAMED KABEER R(Register Number: 1813141033124) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE EDUCATIONAL MANAGEMENT"**.I declare that this is my original work.

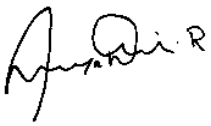


PLACE:CHENNAI **KEETHIR AHAMED KABEER R**

DATE: 27/03/21 **(Register Number :1813141033124)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE EDUCATIONAL MANAGEMENT"**is the bonafide work carried out by **KEETHIR AHAMED KABEER R(Register Number: 1813141033124), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

ONLINE EDUCATIONAL MANAGEMENT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MADHUMITHA A

(1813141033125)

Under the Guidance of

Mrs. Ramyadevi R MCA.

April 2021

DECLARATION

I, MADHUMITHA A(Register Number: 1813141033125) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE EDUCATIONAL MANAGEMENT"**.I declare that this is my original work.

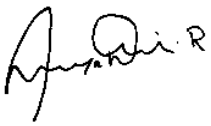


PLACE:CHENNAI **MADHUMITHA A**

DATE: 27/03/21 **(Register Number :1813141033125)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE EDUCATIONAL MANAGEMENT"**is the bonafide work carried out by **MADHUMITHA A(Register Number: 1813141033125), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

PDF TO EXCEL CONVERTOR

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MAHES WARAN V

(1813141033126)

Under the Guidance of

Mrs. Ramyadevi R MCA.

April 2021

DECLARATION

I, MAHES WARAN V(Register Number: 1813141033126) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"PDF TO EXCEL CONVERTOR"**.I declare that this is my original work.

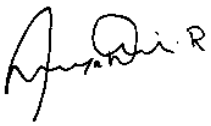


PLACE:CHENNAI **MAHES WARAN V**

DATE: 27/03/21 **(Register Number :1813141033126)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"PDF TO EXCEL CONVERTOR"**is the bonafide work carried out by **MAHES WARAN V(Register Number: 1813141033126), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

BLOOD BANK MANAGEMENT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MANIPRASAD K S

(1813141033127)

Under the Guidance of

Mrs. Ramyadevi R MCA.

April 2021

DECLARATION

I, MANIPRASAD K S(Register Number: 1813141033127) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"BLOOD BANK MANAGEMENT"**.I declare that this is my original work.

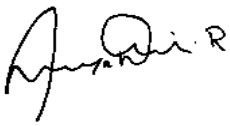


PLACE:CHENNAI **MANIPRASAD K S**

DATE: 27/03/21 **(Register Number :1813141033127)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BLOOD BANK MANAGEMENT"**is the bonafide work carried out by **MANIPRASAD K S(Register Number: 1813141033127), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of Head of the Department

SECURING CLUSTER INTERROGATION FOR DNA REPOSITORY

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MANUMITHA A

(1813141033128)

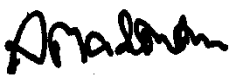
Under the Guidance of

Mrs. Ramyadevi R MCA.

April 2021

DECLARATION

I, MANUMITHA A(Register Number: 1813141033128) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"SECURING CLUSTER INTERROGATION FOR DNA REPOSITORY"**.I declare that this is my original work.



PLACE:CHENNAI **MANUMITHA A**

DATE: 27/03/21 **(Register Number :1813141033128)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"SECURING CLUSTER INTERROGATION FOR DNA REPOSITORY"**is the bonafide work carried out by **MANUMITHA A(Register Number: 1813141033128), III yearBCA-C,** Under my guidance and supervision.

Signature of project guide

Signature of Head of the Department

DAILY EXPENSE TRACKER

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MOHAN RAJ R

(1813141033129)

Under the Guidance of

Mrs. Ramyadevi R MCA.

April 2021

DECLARATION

I, MOHAN RAJ R(Register Number: 1813141033129) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"DAILY EXPENSE TRACKER"**.I declare that this is my original work.

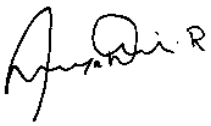


PLACE:CHENNAI **MOHAN RAJ R**

DATE: 27/03/21 **(Register Number :1813141033129)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"DAILY EXPENSE TRACKER"**is the bonafide work carried out by **MOHAN RAJ R(Register Number: 1813141033129), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

PACKERS N MOVERS

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MUGESH RAM P

(1813141033130)

Under the Guidance of

Mrs.A.ARUL OLI, B.Tech.,M.E.,M.B.A

April 2021

DECLARATION

I, MUGESH RAM P(Register Number: 1813141033130) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"PACKERS N MOVERS"**.I declare that this is my original work.

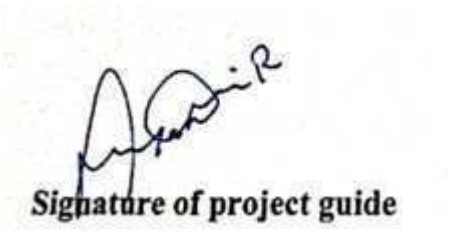


PLACE:CHENNAI **MUGESH RAM P**

DATE: 27/03/21 **(Register Number :1813141033130)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"PACKERS N MOVERS"**is the bonafide work carried out by **MUGESH RAM P(Register Number: 1813141033130), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

ONLINE CLOTH

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MUTHU KUMARAN K B

(1813141033131)

Under the Guidance of

Mrs.A.ARUL OLI, B.Tech.,M.E.,M.B.A

April 2021

DECLARATION

I, MUTHU KUMARAN K B(Register Number: 1813141033131) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE CLOTH"**. I declare that this is my original work.



PLACE:CHENNAI **MUTHU KUMARAN K B**

DATE: 27/03/21 **(Register Number :1813141033131)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CLOTH"**is the bonafide work carried out by **MUTHU KUMARAN K B(Register Number: 1813141033131), III year BCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

BOOK MY BOOK - ONLINE LIBRARY MANAGEMENT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NANTHA KUMAR M

(1813141033132)

Under the Guidance of

Mrs.A.ARUL OLI, B.Tech.,M.E.,M.B.A

April 2021

DECLARATION

I, NANTHA KUMAR M(Register Number: 1813141033132) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"BOOK MY BOOK - ONLINE LIBRARY MANAGEMENT"**. I declare that this is my original work.



PLACE:CHENNAI **NANTHA KUMAR M**

DATE: 27/03/21 **(Register Number :1813141033132)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BOOK MY BOOK - ONLINE LIBRARY MANAGEMENT"**is the bonafide work carried out by **NANTHA KUMAR M(Register Number: 1813141033132), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

PIZZA ORDERING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NAVEEN D

(1813141033133)

Under the Guidance of

Mrs.A.ARUL OLI, B.Tech.,M.E.,M.B.A

April 2021

DECLARATION

I, NAVEEN D(Register Number: 1813141033133) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"PIZZA ORDERING SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **NAVEEN D**

DATE: 27/03/21 **(Register Number :1813141033133)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"PIZZA ORDERING SYSTEM"**is the bonafide work carried out by **NAVEEN D(Register Number: 1813141033133), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

PASSWORD MANAGER

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NAVIN RAJA K

(1813141033134)

Under the Guidance of

Mrs.A.ARUL OLI, B.Tech.,M.E.,M.B.A

April 2021

DECLARATION

I, NAVIN RAJA K(Register Number: 1813141033134) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"PASSWORD MANAGER"**. I declare that this is my original work.



PLACE:CHENNAI **NAVIN RAJA K**

DATE: 27/03/21 **(Register Number :1813141033134)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"PASSWORD MANAGER"**is the bonafide work carried out by **NAVIN RAJA K(Register Number: 1813141033134), III year BCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

STUDENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

NIKIL B

(1813141033135)

Under the Guidance of

Mrs.A.ARUL OLI, B.Tech.,M.E.,M.B.A

April 2021

DECLARATION

I, NIKIL B(Register Number: 1813141033135) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"STUDENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

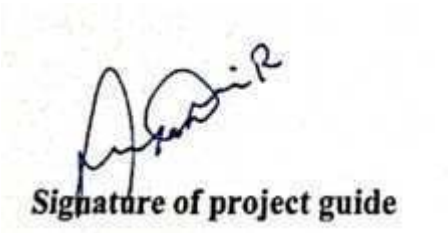


PLACE:CHENNAI **NIKIL B**

DATE: 27/03/21 **(Register Number :1813141033135)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENT MANAGEMENT SYSTEM"**is the bonafide work carried out by **NIKIL B(Register Number: 1813141033135), III year BCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

ONLINE EDUCATION MANAGEMENT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NITHESH KUMAR M

(1813141033136)

Under the Guidance of

Mrs.A.ARUL OLI, B.Tech.,M.E.,M.B.A

April 2021

DECLARATION

I, NITHESH KUMAR M(Register Number: 1813141033136) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE EDUCATION MANAGEMENT"**. I declare that this is my original work.

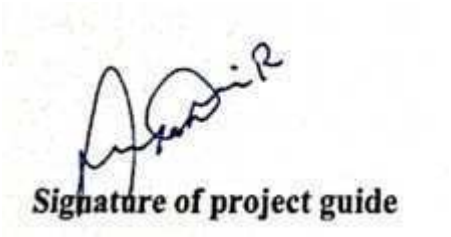


PLACE:CHENNAI **NITHESH KUMAR M**

DATE: 27/03/21 **(Register Number :1813141033136)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE EDUCATION MANAGEMENT"**is the bonafide work carried out by **NITHESH KUMAR M(Register Number: 1813141033136), III year BCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

FOOD DISTRIBUTION FOR NEEDY

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRASHANTH S

(1813141033137)

Under the Guidance of

Mrs.A.ARUL OLI, B.Tech.,M.E.,M.B.A

April 2021

DECLARATION

I, PRASHANTH S(Register Number: 1813141033137) III year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"FOOD DISTRIBUTION FOR NEEDY"**. I declare that this is my original work.



PLACE:CHENNAI **PRASHANTH S**

DATE: 27/03/21 **(Register Number :1813141033137)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FOOD DISTRIBUTION FOR NEEDY"**is the bonafide work carried out by **PRASHANTH S(Register Number: 1813141033137), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of Head of the Department

CAR RENTAL PORT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRAVEEN KUMAR R D

(1813141033138)

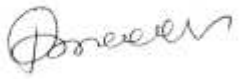
Under the Guidance of

Mrs.A.ARUL OLI, B.Tech.,M.E.,M.B.A

April 2021

DECLARATION

I, PRAVEEN KUMAR R D(Register Number: 1813141033138) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"CAR RENTAL PORT"**. I declare that this is my original work.



PLACE:CHENNAI **PRAVEEN KUMAR R D**

DATE: 27/03/21 **(Register Number :1813141033138)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CAR RENTAL PORT"**is the bonafide work carried out by **PRAVEEN KUMAR R D(Register Number: 1813141033138), III year BCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

STUDENTS JOB PORTAL

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

RAJESH KUMAR M

(1813141033139)

Under the Guidance of

Mrs.A.ARUL OLI, B.Tech.,M.E.,M.B.A

April 2021

DECLARATION

I, RAJESH KUMAR M(Register Number: 1813141033139) III year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"STUDENTS JOB PORTAL"**. I declare that this is my original work.

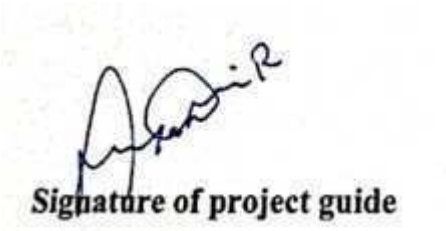


PLACE:CHENNAI **RAJESH KUMAR M**

DATE: 27/03/21 **(Register Number :1813141033139)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENTS JOB PORTAL"**is the bonafide work carried out by **RAJESH KUMAR M(Register Number: 1813141033139), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of Head of the Department

ONLINE EXAMINATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

RITHISH J

(1813141033140)

Under the Guidance of

Mrs.A.ARUL OLI, B.Tech.,M.E.,M.B.A

April 2021

DECLARATION

I, RITHISH J(Register Number: 1813141033140) III year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE EXAMINATION SYSTEM"**. I declare that this is my original work.

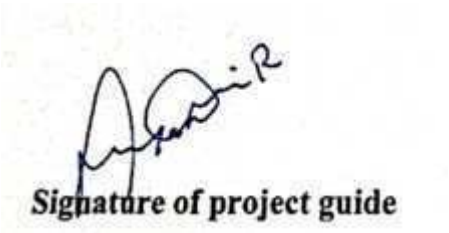


PLACE:CHENNAI **RITHISH J**

DATE: 27/03/21 **(Register Number :1813141033140)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE EXAMINATION SYSTEM"** is the bonafide work carried out by **RITHISH J (Register Number: 1813141033140), III year BCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of
Head of the Department

REAL ESTATE MANAGEMENT

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SAKTHI VISHNU P

(1813141033141)

Under the Guidance of

Mrs.A.ARUL OLI,B.Tech.,M.E.,M.B.A

April 2021

DECLARATION

I, SAKTHI VISHNU P(Register Number: 1813141033141) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"REAL ESTATE MANAGEMENT"**. I declare that this is my original work.

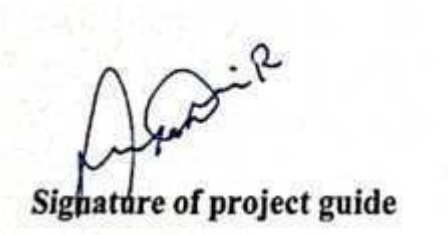


PLACE:CHENNAI **SAKTHI VISHNU P**

DATE: 27/03/21 **(Register Number :1813141033141)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"REAL ESTATE MANAGEMENT"**is the bonafide work carried out by **SAKTHI VISHNU P(Register Number: 1813141033141), III yearBCA-C,** Under my guidance and supervision.



Signature of project guide



Signature of Head of the Department

ONLINE BOOK BANK AND AUDIO BOOK GENERATOR

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SAM C SHAJAN C

(1813141033142)

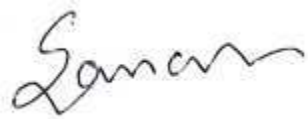
Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, SAM C SHAJAN C (Register Number: 1813141033142) III year BCA-C student of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE BOOK BANK AND GENERATOR"**. I declare that this is my original work.

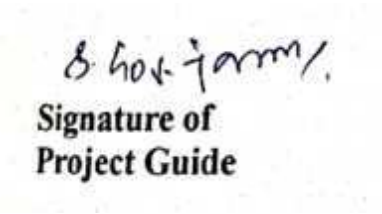


PLACE:CHENNAI **SAM C SHAJAN C**

DATE: 27/03/21 **(Register Number :1813141033142)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BOOK BANK AND GENERATOR"**is the bonafide work carried out by **SAM C SHAJAN C (Register Number: 1813141033142), III year BCA-C,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

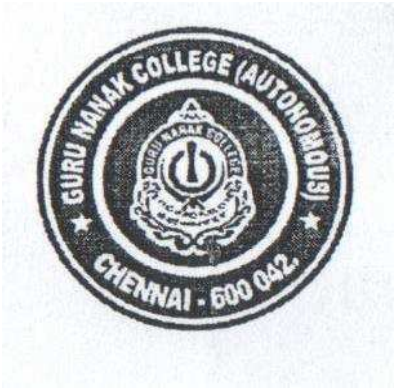
EVALUATING AND ENSURING THE PRIVACY OF USER IN BITCOIN TRANSACTION

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SRINITHI S

(1813141033143)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, SRINITHI S (Register Number: 1813141033143) III year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"EVALUATING AND ENSURING THE PRIVACY OF USER IN BITCOIN TRANSCATION "**. I declare that this is my original work.

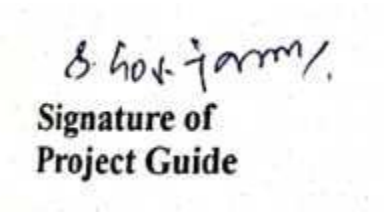


PLACE:CHENNAI **SRINITHI S**

DATE: 27/03/21 **(Register Number :1813141033143)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"EVALUATING AND ENSURING THE PRIVACY OF USER IN BITCOIN TRANSACTION"** is the bonafide work carried out by **SRINITHI S (Register Number: 1813141033143), III year BCA-C,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

ONLINE CRIME REGISTERING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SUDARSHAN M P

(1813141033144)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, SUDARSHAN M P (Register Number: 18131433144) III year BCA-C student of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE CRIME REGISTERING SYSTEM".** I declare that this is my original work.

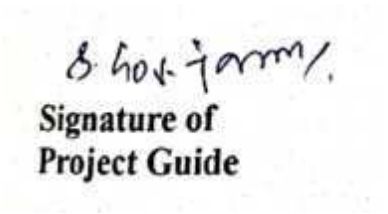


PLACE:CHENNAI **SUDARSHAN MP**

DATE: 27/03/21 **(Register Number :1813141033144)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CRIME REGISTERING SYSTEM"**is the bonafide work carried out by **SUDARSHAN M P (Register Number: 1813141033144), III year BCA-C,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

RESTAURANT TABLE BOOKING

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SURESH M

(1813141033145)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, SURESH M (Register Number: 1813141033145) III year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"RESTAURANT TABLE BOOKING"**. I declare that this is my original work.

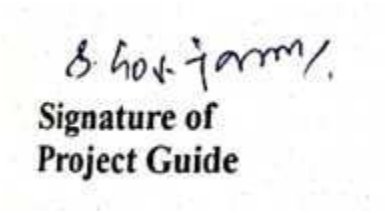


PLACE:CHENNAI **SURESH M**

DATE: 27/03/21 **(Register Number :1813141033145)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"RESTAURANT TABLE BOOKING"**is the bonafide work carried out by **SURESH M (Register Number: 1813141033145), III year BCA-C,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

ONLINE HOTEL TABLE PORTAL

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SURYA PRAKASH G

(1813141033146)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, SURYA PRAKASH G (Register Number: 1813141033146) III year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE HOTEL TABLE BOOKING"**. I declare that this is my original work.

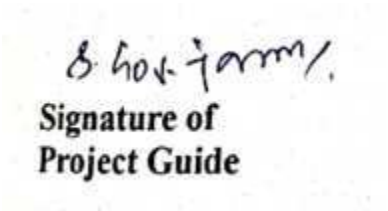


PLACE:CHENNAI **SURYA PRAKASH G**

DATE: 27/03/21 **(Register Number :1813141033146)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE HOTEL TABLE BOOKING"** is the bonafide work carried out by **SURYA PRAKASH G (Register Number: 1813141033146), III year BCA-C,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

HEALTH CARE PREDICTION

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VASANTHAKUMAR R

(1813141033147)

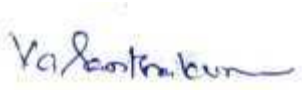
Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, VASANTHAKUMAR R(Register Number: 1813141033147) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"HEALTH CARE PREDICTION"**. I declare that this is my original work.

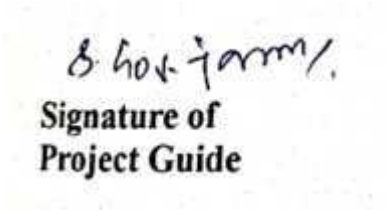


PLACE:CHENNAI **VASANTHAKUMAR R**

DATE: 27/03/21 **(Register Number :1813141033147)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HEALTH CARE PREDICTION"**is the bonafide work carried out by **VASANTHAKUMAR R(Register Number: 1813141033147), III yearBCA-C,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

WEEKLY SCHEDULING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VENKAT NARAYANAN N

(1813141033148)

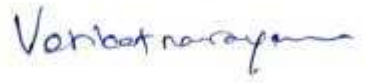
Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, VENKAT NARAYANAN N(Register Number: 1813141033148) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"WEEKLY SCHEDULING SYSTEM"**. I declare that this is my original work.



PLACE:CHENNAI **VENKAT NARAYANAN N**

DATE: 27/03/21 **(Register Number :1813141033148)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"WEEKLY SCHEDULING SYSTEM"** is the bonafide work carried out by **VENKAT NARAYANAN N(Register Number: 1813141033148), III year BCA-C,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

E-FARMING

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VIGNESHWAR R

(1813141033149)

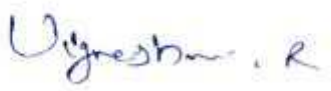
Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, VIGNESHWAR R(Register Number: 1813141033149) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"E-FARMING"**.I declare that this is my original work.



PLACE:CHENNAI **VIGNESHWAR R**

DATE: 27/03/21 **(Register Number :1813141033149)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"E-FARMING"**is the bonafide work carried out by **VIGNESHWAR R(Register Number: 1813141033149), III year BCA-C,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

STUDENT FACULTY PORTAL SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VISWANATH K

(1813141033150)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, VISWANATH K(Register Number: 1813141033150) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"STUDENT FACULTY PORTAL SYSTEM"**.I declare that this is my original work.

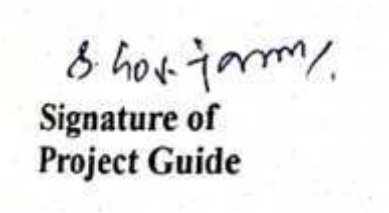


PLACE:CHENNAI **VISWANATH K**

DATE: 27/03/21 **(Register Number :1813141033150)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENT FACULTY PORTAL SYSTEM"**is the bonafide work carried out by **VISWANATH K(Register Number: 1813141033150), III yearBCA-C,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

FOOD DISTRIBUTION FOR NEEDY

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

YOGESHWARAN J

(1813141033151)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, YOGESHWARAN J(Register Number: 1813141033151) III year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"FOOD DISTRIBUTION FOR NEEDY"**.I declare that this is my original work.

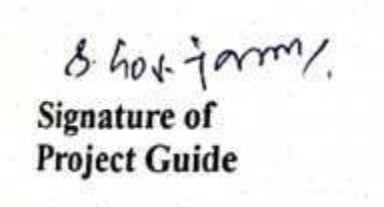


PLACE:CHENNAI **YOGESHWARAN J**

DATE: 27/03/21 **(Register Number :1813141033151)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FOOD DISTRIBUTION FOR NEEDY"** is the bonafide work carried out by **YOGESHWARAN J(Register Number: 1813141033151), III year BCA-C,** Under my guidance and supervision.



Signature of
Project Guide



Signature of
Head of the Department

ONLINE SHOPPING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

YOKESHRAMANA A S

(1813141033152)

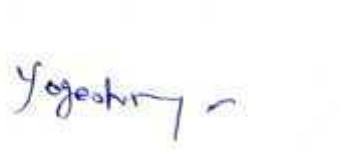
Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, YOKESHRAMANA A S(Register Number: 1813141033152) III year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE SHOPPING SYSTEM"**.I declare that this is my original work.



PLACE:CHENNAI **YOKESHRAMANA A S**

DATE: 27/03/21 **(Register Number :1813141033152)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE SHOPPING SYSTEM"**is the bonafide work carried out by **YOKESHRAMANA A S(Register Number: 1813141033152), III yearBCA-C,** Under my guidance and supervision.

Signature of
Project Guide

Signature of
Head of the Department

FACE RECOGNITION ATTENDANCE SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

AARTHI J

(Register Number: 2013141033001)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **AARTHI J (Register Number: 2013141033001) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"FACE RECOGNITION ATTENDANCE SYSTEM"**. I declare that this is my original work.

Aarthi J

PLACE: CHENNAI

AARTHI J

DATE: 06.04.2021

(Register Number: 2013141033001)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FACE RECOGNITION ATTENDANCE SYSTEM"** is the bonafide work carried out by **AARTHI J (Register Number: 2013141033001), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

FACE RECOGNITION ATTENDANCE SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

AFSAR FAZIL A

(Register Number: 2013141033002)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **AFSAR FAZIL A (Register Number: 2013141033002) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"FACE RECOGNITION ATTENDANCE SYSTEM"**. I declare that this is my original work.

A. Afsar fazil.

PLACE: CHENNAI

DATE: 06/04/2021

AFSAR FAZIL A

(Register Number: 2013141033002)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FACE RECOGNITION ATTENDANCE SYSTEM"** is the bonafide work carried out by **AFSAR FAZIL A (Register Number: 2013141033002), I year BCA-A,** Under my guidance and supervision

G. Kiruthiga

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

FACE RECOGNITION ATTENDANCE SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

AJIT P

(Register Number: 2013141033003)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **AJIT P (Register Number: 2013141033003) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"FACE RECOGNITION ATTENDANCE SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

Ajit.P

AJIT P

(Register Number: 2013141033003)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FACE RECOGNITION ATTENDANCE SYSTEM"** is the bonafide work carried out by **AJIT P (Register Number: 2013141033003), I year BCA-A,** Under my guidance and supervision

G.Kiruthiga .
Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

FACE RECOGNITION ATTENDANCE SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

AKASH ADITHYA B

(Register Number: 2013141033004)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **AKASH ADITHYA B (Register Number: 2013141033004) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"FACE RECOGNITION ATTENDANCE SYSTEM"**. I declare that this is my original work.

B. Akash Adithya

PLACE: CHENNAI

DATE: 06/04/2021

AKASH ADITHYA B

(Register Number: 2013141033004)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FACE RECOGNITION ATTENDANCE SYSTEM"** is the bonafide work carried out by **AKASH ADITHYA B (Register Number: 2013141033004), I year BCA-A,** Under my guidance and supervision

G. Kiruthiga

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

FACE RECOGNITION ATTENDANCE SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

ANISH FREDRICK A

(Register Number: 2013141033005)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **ANISH FREDRICK A (Register Number: 2013141033005) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"FACE RECOGNITION ATTENDANCE SYSTEM"**. I declare that this is my original work.

Anish fredrick. A

PLACE: CHENNAI

DATE: 06/04/2021

ANISH FREDRICK A

(Register Number: 2013141033005)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FACE RECOGNITION ATTENDANCE SYSTEM"** is the bonafide work carried out by **ANISH FREDRICK A (Register Number: 2013141033005), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE BOOK RENTAL SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

BARANITHARAN L M

(Register Number: 2013141033006)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **BARANITHARAN L M (Register Number: 2013141033006) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BOOK RENTAL SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06·04·2021

BARANITHARAN L M

(Register Number: 2013141033006)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BOOK RENTAL SYSTEM"** is the bonafide work carried out by **BARANITHARAN L M (Register Number: 2013141033006), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE BOOK RENTAL SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

DEBORAH DOROTHY S

(Register Number: 2013141033007)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **DEBORAH DOROTHY S (Register Number: 2013141033007) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BOOK RENTAL SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

DEBORAH DOROTHY S

(Register Number: 2013141033007)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BOOK RENTAL SYSTEM"** is the bonafide work carried out by **DEBORAH DOROTHY S (Register Number: 2013141033007), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE BOOK RENTAL SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

DEEPAK RAJ V

(Register Number: 2013141033008)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **DEEPAK RAJ V (Register Number: 2013141033008) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BOOK RENTAL SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/2021

Deepak Raj V

DEEPAK RAJ V

(Register Number: 2013141033008)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BOOK RENTAL SYSTEM"** is the bonafide work carried out by **DEEPAK RAJ V (Register Number: 2013141033008), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE BOOK RENTAL SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

DIWASHAN S

(Register Number: 2013141033009)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **DIWASHAN S (Register Number: 2013141033009) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BOOK RENTAL SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI

DATE: 06/04/2021

DIWASHAN S

(Register Number: 2013141033009)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BOOK RENTAL SYSTEM"** is the bonafide work carried out by **DIWASHAN S (Register Number: 2013141033009), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE BOOK RENTAL SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

DONALD MARTIN F

(Register Number: 2013141033010)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **DONALD MARTIN F (Register Number: 20131410330l0) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BOOK RENTAL SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI

DATE: 06-04-2021

DONALD MARTIN F

(Register Number: 20131410330l0)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BOOK RENTAL SYSTEM"** is the bonafide work carried out by **DONALD MARTIN F (Register Number: 2013141033010), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE STUDENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

GOKUL P

(Register Number: 2013141033011)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **GOKUL P (Register Number: 2013141033011) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE STUDENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06.04.2021

GOKUL P

(Register Number: 2013141033011)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE STUDENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **GOKUL P (Register Number: 2013141033011), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE STUDENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

GOPALA KRISHNAN E

(Register Number: 2013141033012)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE STUDENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **GOPALA KRISHNAN E (Register Number: 2013141033012), I year BCA-A,** Under my guidance and supervision

G. Kiruthiga

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE STUDENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

HARI ISHWARYA N

(Register Number: 2013141033013)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **HARI ISHWARYA N (Register Number: 2013141033013) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE STUDENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

N. Hari Ishwarya.

PLACE: CHENNAI

HARI ISHWARYA N

DATE: 06:02:2021

(Register Number: 2013141033013)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE STUDENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **HARI ISHWARYA N (Register Number: 2013141033013), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE STUDENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

HARIDHARAN S

(Register Number: 2013141033014)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **HARIDHARAN S (Register Number: 2013141033014) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE STUDENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

Haridharan. S

PLACE: CHENNAI

DATE: 06.04.2021

HARIDHARAN S

(Register Number: 2013141033014)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE STUDENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **HARIDHARAN S (Register Number: 2013141033014), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE STUDENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

KEERTHIKA C

(Register Number: 2013141033015)

Under the Guidance of

Mrs. G. KIRUTHIGA M.C.A., M.Phil.,

April 2021

DECLARATION

I, **KEERTHIKA C (Register Number: 2013141033015) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE STUDENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

Keerthika.C

PLACE: CHENNAI

KEERTHIKA C

DATE: 06.04.2021

(Register Number: 2013141033015)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE STUDENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **KEERTHIKA C (Register Number: 2013141033015), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

STUDENT INFORMATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

KRISHNA P

(Register Number: 2013141033016)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **KRISHNA P (Register Number: 2013141033016) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"STUDENT INFORMATION SYSTEM"**. I declare that this is my original work.

P. K

PLACE: CHENNAI

DATE: 06/04/2021

KRISHNA P

(Register Number: 2013141033016)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENT INFORMATION SYSTEM"** is the bonafide work carried out by **KRISHNA P (Register Number: 2013141033016), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide



Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

STUDENT INFORMATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

MAHAL KRISHNA T R

(Register Number: 2013141033017)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **MAHAL KRISHNA T R (Register Number: 2013141033017) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"STUDENT INFORMATION SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

MAHAL KRISHNA T R

(Register Number: 2013141033017)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENT INFORMATION SYSTEM"** is the bonafide work carried out by **MAHAL KRISHNA T R (Register Number: 2013141033017), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

STUDENT INFORMATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MANIKANDAN N

(Register Number: 2013141033018)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **MANIKANDAN N (Register Number: 2013141033018) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"STUDENT INFORMATION SYSTEM"**. I declare that this is my original work.

Manikandan. N

PLACE: CHENNAI

MANIKANDAN N

DATE: 06.04.2021

(Register Number: 2013141033018)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENT INFORMATION SYSTEM"** is the bonafide work carried out by **MANIKANDAN N (Register Number: 2013141033018), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

STUDENT INFORMATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MANISH RAM R

(Register Number: 2013141033019)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENT INFORMATION SYSTEM"** is the bonafide work carried out by **MANISH RAM R (Register Number: 2013141033019), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

STUDENT INFORMATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

MD JAMSHEED I

(Register Number: 2013141033020)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **MD JAMSHEED I (Register Number: 2013141033020) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"STUDENT INFORMATION SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/2021

MD JAMSHEED I

(Register Number: 2013141033020)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"STUDENT INFORMATION SYSTEM"** is the bonafide work carried out by **MD JAMSHEED I (Register Number: 2013141033020), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

REAL ESTATE MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

MOTHESH M

(Register Number: 2013141033021)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **MOTHESH M (Register Number: 2013141033021) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"REAL ESTATE MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI

DATE: 06.04.2021

MOTHESH M

(Register Number: 2013141033021)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"REAL ESTATE MANAGEMENT SYSTEM"** is the bonafide work carried out by **MOTHESH M (Register Number: 2013141033021), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

REAL ESTATE MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

NAVEEN KUMAR S

(Register Number: 2013141033022)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **NAVEEN KUMAR S (Register Number: 2013141033022) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"REAL ESTATE MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06.04.2021

NAVEEN KUMAR S

(Register Number: 2013141033022)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"REAL ESTATE MANAGEMENT SYSTEM"** is the bonafide work carried out by **NAVEEN KUMAR S (Register Number: 2013141033022), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

REAL ESTATE MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

NAZIRUDDIN S

(Register Number: 2013141033023)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **NAZIRUDDIN S (Register Number: 2013141033023) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"REAL ESTATE MANAGEMENT SYSTEM"**. I declare that this is my original work.

Nazimully. S.

PLACE: CHENNAI

DATE: 06:04:2021

NAZIRUDDIN S

(Register Number: 2013141033023)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"REAL ESTATE MANAGEMENT SYSTEM"** is the bonafide work carried out by **NAZIRUDDIN S (Register Number: 2013141033023), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

REAL ESTATE MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

PRASHANTH A

(Register Number: 2013141033024)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **PRASHANTH A (Register Number: 2013141033024) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"REAL ESTATE MANAGEMENT SYSTEM"**. I declare that this is my original work.

Prashanth.A

PRASHANTH A

(Register Number: 2013141033024)

PLACE: CHENNAI

DATE: 06.04.2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"REAL ESTATE MANAGEMENT SYSTEM"** is the bonafide work carried out by **PRASHANTH A (Register Number: 2013141033024), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

REAL ESTATE MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

PRAVEEN KUMAR R

(Register Number: 2013141033025)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **PRAVEEN KUMAR R (Register Number: 2013141033025) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"REAL ESTATE MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/2021

Praveen kumar.

PRAVEEN KUMAR R

(Register Number: 2013141033025)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"REAL ESTATE MANAGEMENT SYSTEM"** is the bonafide work carried out by **PRAVEEN KUMAR R (Register Number: 2013141033025), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide



Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE BANKING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRAVINKUMAR S

(Register Number: 2013141033026)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **PRAVINKUMAR S (Register Number: 2013141033026)** I year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BANKING SYSTEM"**. I declare that this is my original work.

S. Pravin Kumar

PLACE: CHENNAI

PRAVINKUMAR S

DATE: 06.04.2021

(Register Number: 2013141033026)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BANKING SYSTEM"** is the bonafide work carried out by **PRAVINKUMAR S (Register Number: 2013141033026), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE BANKING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

RAGAVI V

(Register Number: 2013141033027)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **RAGAVI V (Register Number: 2013141033027) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BANKING SYSTEM"**. I declare that this is my original work.



RAGAVI V

(Register Number: 2013141033027)

PLACE: CHENNAI

DATE: 06-04-2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BANKING SYSTEM"** is the bonafide work carried out by **RAGAVI V (Register Number: 2013141033027), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE BANKING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

RAHUL E

(Register Number: 2013141033028)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **RAHUL E (Register Number: 2013141033028) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BANKING SYSTEM"**. I declare that this is my original work.

Rahul. E

PLACE: CHENNAI

RAHUL E

DATE: 06/04/2021

(Register Number: 2013141033028)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BANKING SYSTEM"** is the bonafide work carried out by **RAHUL E (Register Number: 2013141033028), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE BANKING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

RAJESH R

(Register Number: 2013141033029)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **RAJESH R (Register Number: 2013141033029) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BANKING SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 6.4.2021

RAJESH R

(Register Number: 2013141033029)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled "ONLINE BANKING SYSTEM" is the bonafide work carried out by RAJESH R (Register Number: 2013141033029), I year BCA-A, Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE BANKING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

RAMYA R

(Register Number: 2013141033030)

Under the Guidance of

Mr. M. SIVASUBRAMANIYAN M.Sc.,M.Phil.,MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **RAMYA R (Register Number: 2013141033030) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE BANKING SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06-04-2021

RAMYA R

(Register Number: 2013141033030)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE BANKING SYSTEM"** is the bonafide work carried out by **RAMYA R (Register Number: 2013141033030), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Govt Arts College (Autt.)-II
Vellore-632 042.

COURIER MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

RAPHEL THRESAN L

(Register Number: 2013141033031)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **RAPHEL THRESAN L (Register Number: 2013141033031) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"COURIER MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

RAPHEL THRESAN L

(Register Number: 2013141033031)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"COURIER MANAGEMENT SYSTEM"** is the bonafide work carried out by **RAPHEL THRESAN L (Register Number: 2013141033031), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

COURIER MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

RENUKA S

(Register Number: 2013141033032)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **RENUKA S (Register Number: 2013141033032) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"COURIER MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06-04-2021

RENUKA S

(Register Number: 2013141033032)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"COURIER MANAGEMENT SYSTEM"** is the bonafide work carried out by **RENUKA S (Register Number: 2013141033032), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

COURIER MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SABARI GANESH B

(Register Number: 2013141033033)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **SABARI GANESH B (Register Number: 2013141033033) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"COURIER MANAGEMENT SYSTEM"**. I declare that this is my original work.

B. Sabari Ganesh

PLACE: Chennai

SABARI GANESH B

DATE: 06.04.2021

(Register Number: 2013141033033)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"COURIER MANAGEMENT SYSTEM"** is the bonafide work carried out by **SABARI GANESH B (Register Number: 2013141033033), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

COURIER MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SAKTHIVEL R G

(Register Number: 2013141033034)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **SAKTHIVEL R G (Register Number: 2013141033034) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"COURIER MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI

DATE: 06.04.2021

SAKTHIVEL R G

(Register Number: 2013141033034)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"COURIER MANAGEMENT SYSTEM"** is the bonafide work carried out by **SAKTHIVEL R G (Register Number: 2013141033034), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

COURIER MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SAMRAJ T

(Register Number: 2013141033035)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, SAMRAJ T (Register Number: 2013141033035) I year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title "COURIER MANAGEMENT SYSTEM". I declare that this is my original work.

SAMRAJ T

(Register Number: 2013141033035)

PLACE: CHENNAI

DATE: 06/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"COURIER MANAGEMENT SYSTEM"** is the bonafide work carried out by **SAMRAJ T (Register Number: 2013141033035), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE VOTING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SANJAY K

(Register Number: 2013141033036)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **SANJAY K (Register Number: 2013141033036) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE VOTING SYSTEM"**. I declare that this is my original work.

K. Sanjay.

PLACE: CHENNAI

DATE: 06 : 04 : 2021

SANJAY K

(Register Number: 2013141033036)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE VOTING SYSTEM"** is the bonafide work carried out by **SANJAY K (Register Number: 2013141033036), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE VOTING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SANTHOSH R

(Register Number: 2013141033037)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **SANTHOSH R (Register Number: 2013141033037) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE VOTING SYSTEM"**. I declare that this is my original work.

R. Santhosh.

PLACE: CHENNAI

DATE: 06/04/2021

SANTHOSH R

(Register Number: 2013141033037)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE VOTING SYSTEM"** is the bonafide work carried out by **SANTHOSH R (Register Number: 2013141033037), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE VOTING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SARABJEET SINGH

(Register Number: 2013141033038)

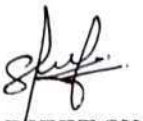
Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **SARABJEET SINGH (Register Number: 2013141033038) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE VOTING SYSTEM"**. I declare that this is my original work.



PLACE: Chennai

DATE: 06-04-2021

SARABJEET SINGH

(Register Number: 2013141033038)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE VOTING SYSTEM"** is the bonafide work carried out by **SARABJEET SINGH (Register Number: 2013141033038), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE VOTING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SATHYANARAYANAN B

(Register Number: 2013141033039)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **SATHYANARAYANAN B (Register Number:2013141033039) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE VOTING SYSTEM"**. I declare that this is my original work.

B. Sathya .

PLACE: CHENNAI

DATE: 06/04/2021

SATHYANARAYANAN B

(Register Number: 2013141033039)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE VOTING SYSTEM"**is the bonafide work carried out by **SATHYANARAYANAN B (Register Number:2013141033039), I yearBCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE VOTING SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SHEIK MOIDEEN A

(Register Number: 2013141033040)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **SHEIK MOIDEEN A (Register Number:2013141033040) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE VOTING SYSTEM"**. I declare that this is my original work.

A. Sheik

PLACE: CHENNAI

DATE: 06-04-2021

SHEIK MOIDEEN A

(Register Number: 2013141033040)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE VOTING SYSTEM"**is the bonafide work carried out by **SHEIK MOIDEEN A (Register Number:2013141033040), I yearBCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CRIME MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SIDDHARTHA V

(Register Number: 2013141033041)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **SIDDHARTHA V (Register Number: 2013141033041) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"CRIME MANAGEMENT SYSTEM"**. I declare that this is my original work.

Siddharth.V

PLACE: Chennai

SIDDHARTHA V

DATE: 06/04/2021

(Register Number: 2013141033041)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CRIME MANAGEMENT SYSTEM"** is the bonafide work carried out by **SIDDHARTHA V (Register Number: 2013141033041), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CRIME MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SRIKANTH K

(Register Number: 2013141033042)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **SRIKANTH K (Register Number: 2013141033042) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"CRIME MANAGEMENT SYSTEM"**. I declare that this is my original work.

SRIKANTH.K.

PLACE: CHENNAI

DATE: 06/04/2021

SRIKANTH K

(Register Number: 2013141033042)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CRIME MANAGEMENT SYSTEM"** is the bonafide work carried out by **SRIKANTH K (Register Number: 2013141033042), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CRIME MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SRIKKANTH B

(Register Number: 2013141033043)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **SRIKKANTH B (Register Number: 20131410330 43) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"CRIME MANAGEMENT SYSTEM"**. I declare that this is my original work.

B.srikkanth

PLACE: chennai

SRIKKANTH B

DATE: 06/04/21

(Register Number: 20131410330 43)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CRIME MANAGEMENT SYSTEM"** is the bonafide work carried out by **SRIKKANTH B (Register Number: 2013141033043), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
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Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CRIME MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SURAJJ K K

(Register Number: 2013141033044)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **SURAJJ K K (Register Number: 2013141033044) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"CRIME MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06.04.2021

Surajj

SURAJJ K K

(Register Number: 2013141033044)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CRIME MANAGEMENT SYSTEM"** is the bonafide work carried out by **SURAJJ K K (Register Number: 2013141033044), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CRIME MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

TAARUN R R

(Register Number: 2013141033045)

Under the Guidance of

Mrs. I. PREETHI M.Sc.(IT)., M.Phil.

April 2021

DECLARATION

I, **TAARUN R R (Register Number: 2013141033045) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"CRIME MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI

DATE: 6/4/2021

TAARUN R R

(Register Number: 2013141033045)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CRIME MANAGEMENT SYSTEM"** is the bonafide work carried out by **TAARUN R R (Register Number: 2013141033045), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ATTENDANCE MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

VENKATA SAI RAM K

(Register Number: 2013141033046)

Under the Guidance of

Mrs.S.SREEPRIYA M.Sc., M.Tech., M.Phil

April 2021

DECLARATION

I, **VENKATA SAI RAM K (Register Number: 2013141033046) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ATTENDANCE MANAGEMENT SYSTEM"**. I declare that this is my original work.

K-Venkat

PLACE: CHENNAI

VENKATA SAI RAM K

DATE: 6/4/2021

(Register Number: 2013141033046)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ATTENDANCE MANAGEMENT SYSTEM"** is the bonafide work carried out by **VENKATA SAI RAM K (Register Number: 2013141033046), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ATTENDANCE MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

VIGNESH D

(Register Number: 2013141033047)

Under the Guidance of

Mrs.S.SREEPRIYA M.Sc., M.Tech., M.Phil

April 2021

DECLARATION

I, **VIGNESH D (Register Number: 2013141033047) I year** BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title **"ATTENDANCE MANAGEMENT SYSTEM"**. I declare that this is my original work.

D. Vignesh

PLACE: CHENNAI

VIGNESH D

DATE: 06.04.2021

(Register Number: 2013141033047)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled "ATTENDANCE MANAGEMENT SYSTEM" is the bonafide work carried out by **VIGNESH D (Register Number: 2013141033047), I year BCA-A**, Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ATTENDANCE MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

VIGNESH K

(Register Number: 2013141033048)

Under the Guidance of

Mrs.S.SREEPRIYA M.Sc., M.Tech., M.Phil

April 2021

DECLARATION

I VIGNESH K (Register Number: 2013141033048) I year BCA-A student of Guru Nanak College (Autonomous), has done a project report on the title "ATTENDANCE MANAGEMENT SYSTEM". I declare that this is my original work.

K. Vignesh.

PLACE: CHENNAI

VIGNESH K

DATE: 06.04.2021

(Register Number: 2013141033048)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled "**ATTENDANCE MANAGEMENT SYSTEM**" is the bonafide work carried out by **VIGNESH K (Register Number: 2013141033048), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ATTENDANCE MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

WESLEY JOSHUA T

(Register Number: 2013141033049)

Under the Guidance of

Mrs.S.SREEPRIYA M.Sc., M.Tech., M.Phil

April 2021

DECLARATION

I, **WESLEY JOSHUA T (Register Number: 2013141033049) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ATTENDANCE MANAGEMENT SYSTEM"**. I declare that this is my original work.

T. Wesley Joshua

PLACE: CHENNAI

DATE: 06.04.2021

WESLEY JOSHUA T

(Register Number: 2013141033049)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled "ATTENDANCE MANAGEMENT SYSTEM" is the bonafide work carried out by **WESLEY JOSHUA T (Register Number: 2013141033049), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ATTENDANCE MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

YUVANESH V

(Register Number: 2013141033050)

Under the Guidance of

Mrs.S.SREEPRIYA M.Sc., M.Tech., M.Phil

April 2021

DECLARATION

I, **YUVANESH V (Register Number: 2013141033050) I year BCA-A** student of Guru Nanak College (Autonomous), has done a project report on the title **"ATTENDANCE MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI

DATE: 06/04/2021

YUVANESH V

(Register Number: 2013141033050)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ATTENDANCE MANAGEMENT SYSTEM"** is the bonafide work carried out by **YUVANESH V (Register Number: 2013141033050), I year BCA-A,** Under my guidance and supervision

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

E-PASS MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ARAVIND V

(2013141033051)

Under the Guidance of

Ms.S.SREEPRIYA, M.Sc, M.Tech, M.Phil

April 2021

DECLARATION

I, ARAVIND V (Register Number: 2013141033051) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"E-PASS MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06.04.2021

ARAVIND V

(Register Number : 2013141033051)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"E-PASS MANAGEMENT SYSTEM"** is the bonafide work carried out by **ARAVIND V (Register Number: 2013141033051), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

E-PASS MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ARAVINDASAMY D

(2013141033052)

Under the Guidance of

Ms.S.SREEPRIYA, M.Sc, M.Tech, M.Phil

April 2021

DECLARATION

I, ARAVINDASAMY D(Register Number: 2013141033052) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"E-PASS MANAGEMENT SYSTEM"**. I declare that this is my original work.

D. Aravindasamy

PLACE: CHENNAI
(Register Number: 2013141033052)

ARAVINDASAMY D DATE: 06/04/21

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"E-PASS MANAGEMENT SYSTEM"** is the bonafide work carried out by **ARAVINDASAMY D(Register Number:2013141033052), I yearBCA-B,** under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

GURU NANAK COLLEGE AUTONOMOUS

E-PASS MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

BADRI B

(2013141033053)

Under the Guidance of

Ms.S.SREEPRIYA, M.Sc, M.Tech, M.Phil

April 2021

DECLARATION

I, **BADRI B (Register Number: 2013141033053) I year BCA-B** student of Guru Nanak College (Autonomous), has done a project report on the title **"E-PASS MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

B.Badri
BADRI B

(Register Number: 2013141033053)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"E-PASS MANAGEMENT SYSTEM"** is the bonafide work carried out by **BADRI B (Register Number: 2013141033053), I year BCA-B,** under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

E-PASS MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

DEEPAN A

(2013141033054)

Under the Guidance of

Ms.S.SREEPRIYA, M.Sc, M.Tech, M.Phil

April 2021

DECLARATION

I, DEEPAN A (Register Number: 2013141033054) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"E-PASS MANAGEMENT SYSTEM"**. I declare that this is my original work.

A. Deepan

DEEPAN A

(Register Number: 2013141033054)

PLACE: CHENNAI

DATE: 06/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"E-PASS MANAGEMENT SYSTEM"** is the bonafide work carried out by **DEEPAN A, (Register Number: 2013141033054), I year BCA-B,** under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

E-PASS MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

DEEPAN M

(2013141033055)

Under the Guidance of

Ms.S.SREEPRIYA, M.Sc, M.Tech, M.Phil

April 2021

DECLARATION

I, **DEEPAN M(Register Number: 2013141033055) I year BCA-B** student of Guru Nanak College (Autonomous), has done aproject report on the title **"E-PASS MANAGEMENT SYSTEM"**. I declare that this is my original work.

M. Deepan

PLACE: CHENNAI **DEEPAN M**

DATE: 06.04.2021 **(Register Number: 2013141033055)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"E-PASS MANAGEMENT SYSTEM"** is the bonafide work carried out by **DEEPAN M(Register Number:2013141033055), I yearBCA-B**, under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

DAIRY SHOP MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

GOKULNATH U

(2013141033056)

Under the Guidance of

Ms.S.SREEPRIYA, M.Sc, M.Tech, M.Phil

April 2021

DECLARATION

I, GOKULNATH U (Register Number: 2013141033056) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"DAIRY SHOP MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI **GOKULNATH U**

DATE: 06/04/2021 **(Register Number: 2013141033056)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"DAIRY SHOP MANAGEMENT SYSTEM"** is the bonafide work carried out by **GOKULNATH U(Register Number:2013141033056), I yearBCA-B,** under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

DAIRY SHOP MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

GOPINATH S R

(2013141033057)

Under the Guidance of

Ms.S.SREEPRIYA, M.Sc, M.Tech, M.Phil

April 2021

DECLARATION

I, GOPINATH S R (Register Number: 2013141033057) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"DAIRY SHOP MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/2021

GOPINATH S R

(Register Number: 2013141033057)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"DAIRY SHOP MANAGEMENT SYSTEM"** is the bonafide work carried out by **GOPINATH S R (Register Number: 2013141033057), I year BCA-B,** under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

DAIRY SHOP MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

GURUPRASAD L

(2013141033058)

Under the Guidance of

Ms.S.SREEPRIYA, M.Sc, M.Tech, M.Phil

April 2021

DECLARATION

I, GURUPRASAD L(Register Number: 2013141033058) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"DAIRY SHOP MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

GURUPRASAD L

(Register Number: 2013141033058)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"DAIRY SHOP MANAGEMENT SYSTEM"** is the bonafide work carried out by **GURUPRASAD LRegister Number:2013141033058, I yearBCA-B,** under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.



DAIRY SHOP MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

HARIHARAN M

(2013141033059)

Under the Guidance of

Ms.S.SREEPRIYA, M.Sc, M.Tech, M.Phil

April 2021

DECLARATION

I, **HARIHARAN M (Register Number: 2013141033059) I year BCA-B** student of Guru Nanak College (Autonomous), has done a project report on the title **"DAIRY SHOP MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 6/4/2024

HARIHARAN M

(Register Number: 2013141033059)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"DAIRY SHOP MANAGEMENT SYSTEM"** is the bonafide work carried out by **HARIHARAN M Register Number: 2013141033059, I year BCA-B,** under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

DAIRY SHOP MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

HARIHARAN V

(2013141033060)

Under the Guidance of

Ms.S.SREEPRIYA, M.Sc, M.Tech, M.Phil

April 2021

DECLARATION

I, HARIHARAN V (Register Number: 2013141033060) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"DAIRY SHOP MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/21

HARIHARAN V

(Register Number: 2013141033060)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"DAIRY SHOP MANAGEMENT SYSTEM "** is the bonafide work carried out by **HARIHARAN V Register Number: 2013141033060, I year BCA-B,** under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

HOTEL RESERVATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

HARISH S

(2013141033061)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, HARISH S(Register Number: 2013141033061) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"HOTEL RESERVATION SYSTEM"**. I declare that this is my original work.

S.harish

PLACE: Chennai **HARISH S**

DATE: 06.04.2021 **(Register Number: 2013141033061)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOTEL RESERVATION SYSTEM"** is the bonafide work carried out by **HARISH SRegister Number:2013141033061, I yearBCA-B,** under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

HOTEL RESERVATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

IMMANUEL S

(2013141033062)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, IMMANUEL S (Register Number: 2013141033062) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"HOTEL RESERVATION SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

IMMANUEL S

(Register Number : 2013141033062)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOTEL RESERVATION SYSTEM"** is the bonafide work carried out by **IMMANUEL S (Register Number : 2013141033062), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

HOTEL RESERVATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KAMALRAJ V

(2013141033063)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, **KAMALRAJ V (Register Number: 2013141033063) I year BCA-B** student of Guru Nanak College (Autonomous), has done a project report on the title **"HOTEL RESERVATION SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/21

V. Kamal

KAMALRAJ V

(Register Number : 2013141033063)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOTEL RESERVATION SYSTEM"** is the bonafide work carried out by **KAMALRAJ V (Register Number : 2013141033063), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

HOTEL RESERVATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KANAGA RATHNA SABAPATHY A

(2013141033064)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, KANAGA RATHNA SABAPATHY A (Register Number: 2013141033064) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"HOTEL RESERVATION SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06-04-2021

KANAGA RATHNA SABAPATHY A

(Register Number : 2013141033064)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOTEL RESERVATION SYSTEM"** is the bonafide work carried out by **KANAGA RATHNA SABAPATHY A (Register Number : 2013141033064), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

HOTEL RESERVATION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KANNIYAPPAN K

(2013141033065)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, KANNIYAPPAN K (Register Number: 2013141033065) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"HOTEL RESERVATION SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/21

KANNIYAPPAN K

(Register Number: 2013141033065)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOTEL RESERVATION SYSTEM"** is the bonafide work carried out by **KANNIYAPPAN K (Register Number : 2013141033065), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

GURU NANAK COLLEGE BCA AUTONOMOUS

BANK LOAN MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KASINATHAN L

(2013141033066)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, KASINATHAN L (Register Number: 2013141033066) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"BANK LOAN MANAGEMENT SYSTEM"**. I declare that this is my original work.

Kasinathan.L

PLACE: CHENNAI

DATE: 06.04.21

KASINATHAN L

(Register Number: 2013141033066)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BANK LOAN MANAGEMENT SYSTEM"** is the bonafide work carried out by **KASINATHAN L (Register Number : 2013141033066), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

BANK LOAN MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

KATHIR R

(2013141033067)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, KATHIR R (Register Number: 2013141033067) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"BANK LOAN MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06.04.2021

R. Kathir

KATHIR R

(Register Number : 2013141033067)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BANK LOAN MANAGEMENT SYSTEM"** is the bonafide work carried out by **KATHIR R (Register Number : 2013141033067), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

BANK LOAN MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KISHORE M

(2013141033068)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, KISHORE M(Register Number:2013141033068) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title "BANK LOAN MANAGEMENT SYSTEM". I declare that this is my original work.

M. Kishore

PLACE: CHENNAI

DATE: 06/04/2021

KISHORE M

(Register Number :2013141033068)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BANK LOAN MANAGEMENT SYSTEM"** is the bonafide work carried out by **KISHORE M(Register Number :2013141033068), I yearBCA-B,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

BANK LOAN MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KOTTESWARAN M

(2013141033069)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, **KOTTESWARAN M (Register Number: 2013141033069) I year BCA-B** student of Guru Nanak College (Autonomous), has done a project report on the title **"BANK LOAN MANAGEMENT SYSTEM"**. I declare that this is my original work.

MKotteswaran

PLACE: Chennai

DATE: 6/4/21

KOTTESWARAN M

(Register Number : 2013141033069)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BANK LOAN MANAGEMENT SYSTEM"** is the bonafide work carried out by **KOTTESWARAN M (Register Number : 2013141033069), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

BANK LOAN MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

LOGESH M

(2013141033070)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, LOGESH M(Register Number:2013141033070) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"BANK LOAN MANAGEMENT SYSTEM"**. I declare that this is my original work.

M. Logesh

PLACE: CHENNAI

DATE: 06/04/21

LOGESH M

(Register Number :2013141033070)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BANK LOAN MANAGEMENT SYSTEM"** is the bonafide work carried out by **LOGESH M(Register Number :2013141033070), I yearBCA-B,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

BLOOD BANK DEPOSITORY SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

LOKESH A V

(2013141033071)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, LOKESH A V (Register Number: 2013141033071) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"BLOOD BANK DEPOSITORY SYSTEM"**. I declare that this is my original work.

PLACE: chennai

DATE: 06/04/2021

LOKESH A V

(Register Number : 2013141033071)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BLOOD BANK DEPOSITORY SYSTEM"** is the bonafide work carried out by **LOKESH A V (Register Number : 2013141033071), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

BLOOD BANK DEPOSITORY SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MANOJ KUMAR D

(2013141033072)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, MANOJ KUMAR D (Register Number: 2013141033072) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"BLOOD BANK DEPOSITORY SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

MANOJ KUMAR D

(Register Number : 2013141033072)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BLOOD BANK DEPOSITORY SYSTEM"** is the bonafide work carried out by **MANOJ KUMAR D (Register Number : 2013141033072), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

BLOOD BANK DEPOSITORY SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MOHAMMED ASHRAF A

(2013141033073)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, MOHAMMED ASHRAF A (Register Number: 2013141033073) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"BLOOD BANK DEPOSITORY SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06.04.2021

MOHAMMED ASHRAF A

(Register Number : 2013141033073)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BLOOD BANK DEPOSITORY SYSTEM"** is the bonafide work carried out by **MOHAMMED ASHRAF A (Register Number : 2013141033073), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.



BLOOD BANK DEPOSITORY SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MOHAMMED NAUFEES A

(2013141033074)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, MOHAMMED NAUFEES A (Register Number: 2013141033074) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"BLOOD BANK DEPOSITORY SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06.04.2021

MOHAMMED NAUFEES A

(Register Number : 2013141033074)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BLOOD BANK DEPOSITORY SYSTEM"** is the bonafide work carried out by **MOHAMMED NAUFEES A (Register Number : 2013141033074), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department



K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

BLOOD BANK DEPOSITORY SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MOHANA PRIYAN R

(2013141033075)

Under the Guidance of

Ms.J.HELEN AROCKIA SELVI MCA.,M.Phil.,

April 2021

DECLARATION

I, MOHANA PRIYAN R(Register Number: 2013141033075) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"BLOOD BANK DEPOSITORY SYSTEM"**. I declare that this is my original work.

Mohana Priyan R.

PLACE: CHENNAI

MOHANA PRIYAN R

DATE: 06.04.2021

(Register Number : 2013141033075)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"BLOOD BANK DEPOSITORY SYSTEM"** is the bonafide work carried out by **MOHANA PRIYAN R(Register Number : 2013141033075), I yearBCA-B,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru N[illegible] College - Shift -II
Velac[illegible] - 600 042.

FOOD DISTRIBUTION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MONISH PRASANNA J

(2013141033076)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, MONISH PRASANNA J (Register Number: 2013141033076) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"FOOD DISTRIBUTION SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06.04.2021

J. Monish Prasanna

MONISH PRASANNA J

(Register Number : 2013141033076)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FOOD DISTRIBUTION SYSTEM"** is the bonafide work carried out by **MONISH PRASANNA J (Register Number : 2013141033076), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

FOOD DISTRIBUTION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MUHAMMAD HANIF HAMTHAN K S

(2013141033077)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, MUHAMMAD HANIF HAMTHAN K S (Register Number: 2013141033077) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"FOOD DISTRIBUTION SYSTEM"**. I declare that this is my original work.

K.S. md Hanif Hamthan

PLACE: Chennai **MUHAMMAD HANIF HAMTHAN K S**

DATE: 6.4.2021 **(Register Number :2013141033077)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FOOD DISTRIBUTION SYSTEM"** is the bonafide work carried out by **MUHAMMAD HANIF HAMTHAN K S(Register Number : 2013141033077), I yearBCA-B,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.



FOOD DISTRIBUTION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NANDHA KUMAR N

(2013141033078)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, NANDHA KUMAR N (Register Number: 2013141033078) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"FOOD DISTRIBUTION SYSTEM"**. I declare that this is my original work.

Nandha Kumar

PLACE: Chennai

DATE: 6/4/21

NANDHA KUMAR N

(Register Number : 2013141033078)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FOOD DISTRIBUTION SYSTEM"** is the bonafide work carried out by **NANDHA KUMAR N (Register Number : 2013141033078), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

GURU NANAK COLLEGE AUTONOMOUS BCA

FOOD DISTRIBUTION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NAVEEN A M

(2013141033079)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, NAVEEN A M(Register Number: 2013141033079) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"FOOD DISTRIBUTION SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 6/4/21

NAVEEN A M

(Register Number: 2013141033079)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FOOD DISTRIBUTION SYSTEM"** is the bonafide work carried out by **NAVEEN A M(Register Number : 2013141033079), I yearBCA-B,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

FOOD DISTRIBUTION SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRAVEEN KUMAR K

(2013141033080)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, PRAVEEN KUMAR K (Register Number: 2013141033080) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"FOOD DISTRIBUTION SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 6.4.2021

PRAVEEN KUMAR K

(Register Number : 2013141033080)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"FOOD DISTRIBUTION SYSTEM"** is the bonafide work carried out by **PRAVEEN KUMAR K (Register Number : 2013141033080), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

TOURISM MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRAVEEN R

(2013141033081)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **PRAVEEN R (Register Number: 2013141033081) I year BCA-B** student of Guru Nanak College (Autonomous), has done a project report on the title **"TOURISM MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

PRAVEEN R

(Register Number: 2013141033081)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TOURISM MANAGEMENT SYSTEM"** is the bonafide work carried out by **PRAVEEN R (Register Number : 2013141033081), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

TOURISM MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRAVEENRAJ R

(2013141033082)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, PRAVEENRAJ R(Register Number: 2013141033082) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"TOURISM MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai **PRAVEENRAJ R** R. Praveenraj

DATE: 6/4/2021 **(Register Number :2013141033082)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TOURISM MANAGEMENT SYSTEM"** is the bonafide work carried out by **PRAVEENRAJ R(Register Number : 2013141033082), I yearBCA-B,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

TOURISM MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

RITHIK S

(2013141033083)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, RITHIK S(Register Number: 2013141033083) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"TOURISM MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI

DATE: 06.04.2021

RITHIK S

(Register Number :2013141033083)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TOURISM MANAGEMENT SYSTEM"** is the bonafide work carried out by **RITHIK S(Register Number : 2013141033083), I yearBCA-B,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

TOURISM MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SANJAY K

(2013141033084)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, SANJAY K(Register Number: 2013141033084) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"TOURISM MANAGEMENT SYSTEM"**. I declare that this is my original work.

Sanjay.K

PLACE: Chennai

SANJAY K

DATE: 06.04.2021

(Register Number :2013141033084)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TOURISM MANAGEMENT SYSTEM"** is the bonafide work carried out by **SANJAY K(Register Number : 2013141033084), I yearBCA-B,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

TOURISM MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SANJAY R

(2013141033085)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, SANJAY R (Register Number: 2013141033085) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"TOURISM MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06.04.2021

R. Sanjay

SANJAY R

(Register Number : 2013141033085)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TOURISM MANAGEMENT SYSTEM"** is the bonafide work carried out by **SANJAY R (Register Number : 2013141033085), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

HOSPITAL MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SANJAY R

(2013141033086)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, SANJAY R (Register Number: 2013141033086) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"HOSPITAL MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai **SANJAY R**

DATE: 06.4.2021 **(Register Number :2013141033086)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled "**HOSPITAL MANAGEMENT SYSTEM**" is the bonafide work carried out by **SANJAY R (Register Number : 2013141033086), I yearBCA-B,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

HOSPITAL MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SANTHOSH S

(2013141033087)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, SANTHOSH S (Register Number: 2013141033087) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"HOSPITAL MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: chennai

DATE: 06/04/2021

S. Santhosh

SANTHOSH S

(Register Number : 2013141033087)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOSPITAL MANAGEMENT SYSTEM"** is the bonafide work carried out by **SANTHOSH S (Register Number : 2013141033087), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

HOSPITAL MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SATHISH P

(2013141033088)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, **SATHISH P (Register Number: 2013141033088) I year BCA-B** student of Guru Nanak College (Autonomous), has done a project report on the title "**HOSPITAL MANAGEMENT SYSTEM**". I declare that this is my original work.

Sathish P

PLACE: CHENNAI

DATE: 06.04.2021

SATHISH P

(Register Number : 2013141033088)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOSPITAL MANAGEMENT SYSTEM"** is the bonafide work carried out by **SATHISH P (Register Number : 2013141033088), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.



HOSPITAL MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SENTHIL KUMAR M

(2013141033089)

Under the Guidance of

Mr.M.T.RAGHU RAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, SENTHIL KUMAR M(Register Number: 2013141033089) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"HOSPITAL MANAGEMENT SYSTEM"**. I declare that this is my original work.

Senthil.

PLACE: Chennai

DATE: 06/04/2021

SENTHIL KUMAR M

(Register Number :2013141033089)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOSPITAL MANAGEMENT SYSTEM"** is the bonafide work carried out by **SENTHIL KUMAR M(Register Number : 2013141033089), I yearBCA-B,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

HOSPITAL MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SRIRAM V

(2013141033090)

Under the Guidance of

Mr.M.T.RAGHURAMAN MCA.,M.Phil.,B.Ed.

April 2021

DECLARATION

I, SRIRAM V (Register Number: 2013141033090) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"HOSPITAL MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/2021

V. Sriram

SRIRAM V

(Register Number : 2013141033090)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"HOSPITAL MANAGEMENT SYSTEM"** is the bonafide work carried out by **SRIRAM V (Register Number : 2013141033090), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.



ONLINE FEE PAYMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SUDHARSAN S

(2013141033091)

Under the Guidance of

Dr.C.RADHA MCA.,M.Phil.,Ph.D

April 2021

DECLARATION

I, SUDHARSAN S (Register Number: 2013141033091) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE FEE PAYMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/2021

SUDHARSAN S

(Register Number : 2013141033091)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE FEE PAYMENT SYSTEM"** is the bonafide work carried out by **SUDHARSAN S (Register Number : 2013141033091), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE FEE PAYMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SUNILKUMAR S

(2013141033092)

Under the Guidance of

Dr.C.RADHA MCA.,M.Phil.,Ph.D

April 2021

DECLARATION

I, SUNILKUMAR S (Register Number: 2013141033092) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE FEE PAYMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 6/04/2021

SUNILKUMAR S

(Register Number : 2013141033092)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE FEE PAYMENT SYSTEM"** is the bonafide work carried out by **SUNILKUMAR S (Register Number : 2013141033092), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE FEE PAYMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SURIYAPRAKASH M

(2013141033093)

Under the Guidance of

Dr.C.RADHA MCA.,M.Phil.,Ph.D

April 2021

DECLARATION

I, SURIYAPRAKASH M (Register Number: 2013141033093) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE FEE PAYMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

SURIYAPRAKASH M

(Register Number : 2013141033093)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE FEE PAYMENT SYSTEM"** is the bonafide work carried out by **SURIYAPRAKASH M (Register Number : 2013141033093), I year BCA-B,** Under my guidance and supervision .

C. Radha

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE FEE PAYMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

THILIPKUMAR K

(2013141033094)

Under the Guidance of

Dr.C.RADHA MCA.,M.Phil.,Ph.D

April 2021

DECLARATION

I, THILIPKUMAR K(Register Number: 2013141033094) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE FEE PAYMENT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI

DATE: 06.04.2021

THILIPKUMAR K

(Register Number :2013141033094)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE FEE PAYMENT SYSTEM"** is the bonafide work carried out by **THILIPKUMAR K(Register Number : 2013141033094), I yearBCA-B,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE FEE PAYMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

THIRUVENKATACHALAM P C

(2013141033095)

Under the Guidance of

Dr.C.RADHA MCA.,M.Phil.,Ph.D

April 2021

DECLARATION

I, **THIRUVENKATACHALAM P C(Register Number: 2013141033095) I year BCA-B** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE FEE PAYMENT SYSTEM"**. I declare that this is my original work.

PLACE: chennai

DATE: 06/04/2021

THIRUVENKATACHALAM P

(Register Number : 2013141033095)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE FEE PAYMENT SYSTEM"** is the bonafide work carried out by **THIRUVENKATACHALAM P C(Register Number : 2013141033095), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CAMPUS RECRUITMENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VASAN S

(2013141033096)

Under the Guidance of

Dr.C.RADHA MCA.,M.Phil.,Ph.D
April 2021

DECLARATION

I, VASAN S(Register Number: 2013141033096) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE:CHENNAI

DATE: 6/4/21

VASAN S

(Register Number :2013141033096)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **VASAN S(Register Number : 2013141033096), I yearBCA-B,** Under my guidance and supervision.

C. Radha

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CAMPUS RECRUITMENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VIGNESH I

(2013141033097)

Under the Guidance of

Dr.C.RADHA MCA.,M.Phil.,Ph.D

April 2021

DECLARATION

I, VIGNESH I(Register Number: 2013141033097) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

Vignesh. I

PLACE: CHENNAI **VIGNESH I**

DATE: 06/04/2021 **(Register Number :2013141033097)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **VIGNESH I(Register Number : 2013141033097), I yearBCA-B,** Under my guidance and supervision.

C. Radha

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
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Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CAMPUS RECRUITMENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VIGNESH M

(2013141033098)

Under the Guidance of

Dr.C.RADHA MCA.,M.Phil.,Ph.D

April 2021

DECLARATION

I, VIGNESH M(Register Number: 2013141033098) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

M. Vignesh

PLACE: CHENNAI **VIGNESH M**

DATE: 06.4.2021 **(Register Number :2013141033098)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **VIGNESH M(Register Number : 2013141033098), I yearBCA-B,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CAMPUS RECRUITMENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VISHNU PRABHAKARAN P

(2013141033099)

Under the Guidance of

Dr.C.RADHA MCA.,M.Phil.,Ph.D

April 2021

DECLARATION

I, VISHNU PRABHAKARAN P(Register Number: 2013141033099) I year BCA-B student of Guru Nanak College (Autonomous), has done aproject report on the title **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI **VISHNU PRABHAKARAN P**

DATE: 06-04-2021 **(Register Number :2013141033099)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **VISHNU PRABHAKARAN P(Register Number : 2013141033099), I yearBCA-B,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CAMPUS RECRUITMENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VISU VARTHAN S R

(2013141033100)

Under the Guidance of

Dr.C.RADHA MCA.,M.Phil.,Ph.D

April 2021

DECLARATION

I, VISU VARTHAN S R (Register Number: 2013141033100) I year BCA-B student of Guru Nanak College (Autonomous), has done a project report on the title **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

S.R. Visuvarthan

PLACE: CHENNAI

VISU VARTHAN S R

DATE: 6.4.2021

(Register Number : 2013141033100)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **VISU VARTHAN S R (Register Number : 2013141033100), I year BCA-B,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE DOCTORS APPOINTMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

AADHITHYAN D

(2013141033101)

Under the Guidance of

Dr.C.RADHA MCA.,MPhil.,Ph.D.

April 2021

DECLARATION

I, **AADHITHYAN D (Register Number: 2013141033101) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE DOCTORS APPOINTMENT SYSTEM"**. I declare that this is my original work.

PLACE: chennai

DATE: 06/04/2021

AADHITHYAN D

(Register Number: 2013141033101)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE DOCTORS APPOINTMENT SYSTEM"** is the bonafide work carried out by **AADHITHYAN D (Register Number : 2013141033101), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE DOCTORS APPOINTMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

AADITHYA R

(2013141033102)

Under the Guidance of

Dr.C.RADHA MCA.,MPhil.,Ph.D.

April 2021

DECLARATION

I, **AADITHYA R (Register Number: 2013141033102) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE DOCTORS APPOINTMENT SYSTEM"**. I declare that this is my original work.

R.Aadithya

PLACE: Chennai

DATE: 6/4/2021

AADITHYA R

(Register Number:2013141033102)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE DOCTORS APPOINTMENT SYSTEM"** is the bonafide work carried out by **AADITHYA R (Register Number : 2013141033102), I year BCA-C** , Under my guidance and supervision .

C. Radha

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE DOCTORS APPOINTMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ABDULLAH A

(2013141033103)

Under the Guidance of

Dr.C.RADHA MCA.,MPhil.,Ph.D.

April 2021

DECLARATION

I, ABDULLAH A (Register Number: 2013141033103) I year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE DOCTORS APPOINTMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 6.04.21

ABDULLAH A

(Register Number : 2013141033103)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE DOCTORS APPOINTMENT SYSTEM"** is the bonafide work carried out by **ABDULLAH A (Register Number : 2013141033103), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE DOCTORS APPOINTMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ADITHYA B

(2013141033104)

Under the Guidance of

Dr.C.RADHA MCA.,MPhil.,Ph.D.

April 2021

DECLARATION

I, **ADITHYA B** **(Register Number: 2013141033104) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE DOCTORS APPOINTMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

ADITHYA.B

(Register Number:2013141033104)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE DOCTORS APPOINTMENT SYSTEM"** is the bonafide work carried out by **ADITHYA B (Register Number : 2013141033104), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE DOCTORS APPOINTMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ANIRUTH C R

(2013141033105)

Under the Guidance of

Dr.C.RADHA MCA.,MPhil.,Ph.D.

April 2021

PETROL BUNK MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ARAVIND S

(2013141033106)

Under the Guidance of

Dr.C. RADHA MCA., MPhil., Ph.D.

April 2021

DECLARATION

I, **ARAVIND S (Register Number: 2013141033106) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"PETROL BUNK MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06-04-2021

S.Aravind

ARAVIND S

(Register Number: 2013141033106)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"PETROL BUNK MANAGEMENT SYSTEM"** is the bonafide work carried out by **ARAVIND S (Register Number : 2013141033106).** I year **BCA-C,** Under my guidance and supervision .

C. Radha

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

PETROL BUNK MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

ARUN RAJ J

(2013141033107)

Under the Guidance of

Dr.C. RADHA MCA., MPhil., Ph.D.

April 2021

DECLARATION

I, **ARUN RAJ J (Register Number: 2013141033107) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"PETROL BUNK MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: CHENNAI

DATE: 06-04-2021

ARUN RAJ J

(Register Number : 2013141033107)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"PETROL BUNK MANAGEMENT SYSTEM"** is the bonafide work carried out by **ARUN RAJ J (Register Number : 2013141033107), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

PETROL BUNK MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

ARVIND K S

(2013141033108)

Under the Guidance of

Dr.C. RADHA MCA., MPhil., Ph.D.

April 2021

DECLARATION

I, **ARVIND K S (Register Number: 2013141033108) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"PETROL BUNK MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: Chennai

DATE: 6:4:2021

ARVIND K S

(Register Number: 2013141033108)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"PETROL BUNK MANAGEMENT SYSTEM"** is the bonafide work carried out by **ARVIND K S (Register Number : 2013141033108), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

PETROL BUNK MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ASWIN S

(2013141033109)

Under the Guidance of

Dr.C. RADHA MCA., MPhil., Ph.D.

April 2021

DECLARATION

I, ASWIN S (Register Number: 20131410331O9) I year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"PETROL BUNK MANAGEMENT SYSTEM"**. I declare that this is my original work.



ASWIN S

PLACE: Chennai

DATE: 06/04/2021

(Register Number : 20131410331O9)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"PETROL BUNK MANAGEMENT SYSTEM"** is the bonafide work carried out by **ASWIN S (Register Number : 2013141033109),** I year BCA-C, Under my guidance and supervision .

C. Radha

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

PETROL BUNK MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

BARATHRAJ M

(2013141033110)

Under the Guidance of

Dr.C. RADHA MCA., MPhil., Ph.D.

April 2021

DECLARATION

I, BARATHRAJ M (Register Number: 2013141033110) I year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"PETROL BUNK MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/2021

M. Bara

BARATHRAJ M

(Register Number: 2013141033110)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"PETROL BUNK MANAGEMENT SYSTEM"** is the bonafide work carried out by **BARATHRAJ M (Register Number : 20131410331l0), I year BCA-C,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CANTEEN MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

BHUVANESH P

(2013141033111)

Under the Guidance of

Mrs. RAMYADEVI R, MCA

April 2021

DECLARATION

I, BHUVANESH P (Register Number: 2013141033111) I year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"CANTEEN MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/2021

P. Bhuvanesh

BHUVANESH P

(Register Number : 2013141033111)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CANTEEN MANAGEMENT SYSTEM"** is the bonafide work carried out by **BHUVANESH P (Register Number : 2013141033111), I year BCA-C,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CANTEEN MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

CHANDRA SEKAR T

(2013141033112)

Under the Guidance of

Mrs. RAMYADEVI R, MCA

April 2021

DECLARATION

I, **CHANDRA SEKAR T (Register Number: 2013141033112) I year BCA-C**student of Guru Nanak College (Autonomous), has done aproject report on the title **"CANTEEN MANAGEMENT SYSTEM"**. I declare that this is my original work.

T. Chandra sekar

PLACE: Chennai

DATE: 06/04/2021

CHANDRA SEKAR T

(Register Number: 2013141033112)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CANTEEN MANAGEMENT SYSTEM"** is the bonafide work carried out by **CHANDRA SEKAR T (Register Number : 2013141033112), I year BCA-C,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CANTEEN MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

CHANDRU A

(2013141033113)

Under the Guidance of

Mrs. RAMYADEVI R, MCA

April 2020

DECLARATION

I, **CHANDRU A (Register Number: 2013141033113) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"CANTEEN MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai
DATE: 06/04/2021

A. Chandru.

CHANDRU A
(Register Number: 2013141033113)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CANTEEN MANAGEMENT SYSTEM"** is the bonafide work carried out by **CHANDRU A (Register Number : 2013141033113), I year BCA-C,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CANTEEN MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

DEVARAJ P

(2013141033114)

Under the Guidance of

Mrs. RAMYADEVI R, MCA

April 2021

DECLARATION

I, **DEVARAJ P (Register Number: 2013141033114) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"CANTEEN MANAGEMENT SYSTEM"**. I declare that this is my original work.

P. Devaraj

PLACE: CHENNAI

DATE: 6:4:2021

DEVARAJ P

(Register Number : 2013141033114)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CANTEEN MANAGEMENT SYSTEM"** is the bonafide work carried out by **DEVARAJ P (Register Number : 2013141033114), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CANTEEN MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

DHANSVIN R

(2013141033115)

Under the Guidance of

Mrs. RAMYADEVI R, MCA

April 2021

DECLARATION

I, DHANSVIN R (Register Number: 2013141033115) I year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"CANTEEN MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

DHANSVIN R

(Register Number : 2013141033115)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CANTEEN MANAGEMENT SYSTEM"** is the bonafide work carried out by **DHANSVIN R (Register Number : 2013141033115), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE CHARITY MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

GANESH S

(2013141033116)

Under the Guidance of

Mrs. RAMYADEVI R., MCA

April 2021

DECLARATION

I, **GANESH S (Register Number: 2013141033116) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE CHARITY MANAGEMENT SYSTEM"**. I declare that this is my original work.

Ganesh

PLACE: Chennai

DATE: 06/04/2021

GANESH S

(Register Number: 2013141033116)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CHARITY MANAGEMENT SYSTEM"** is the bonafide work carried out by **GANESH S (Register Number : 2013141033116), I year BCA-C,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE CHARITY MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

GANESH VARSHITH B

(2013141033117)

Under the Guidance of

Mrs. RAMYADEVI R, MCA

April 2021

DECLARATION

I, GANESH VARSHITH B (Register Number: 2013141033117) I year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE CHARITY MANAGEMENT SYSTEM"**. I declare that this is my original work.

B. Ganesh varshith

PLACE: CHENNAI

DATE: 06/04/2021

GANESH VARSHITH B

(Register Number: 2013141033117)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CHARITY MANAGEMENT SYSTEM"** is the bonafide work carried out by **GANESH VARSHITH B (Register Number : 2013141033117), I year BCA-C,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE CHARITY MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

GIRI PRASAD C

(2013141033118)

Under the Guidance of

Mrs. RAMYADEVI R, MCA

April 2021

DECLARATION

I, **GIRI PRASAD C (Register Number: 2013141033118) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE CHARITY MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

GIRI PRASAD C

(Register Number: 2013141033118)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CHARITY MANAGEMENT SYSTEM"** is the bonafide work carried out by **GIRI PRASAD C (Register Number : 2013141033118), I year BCA-C,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

DECLARATION

I, **GOPI I (Register Number: 2013141033119) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE CHARITY MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 6/4/2021

GOPI I

(Register Number: 2013141033119)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CHARITY MANAGEMENT SYSTEM"** is the bonafide work carried out by **GOPI I (Register Number : 2013141033119), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE CHARITY MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

HARISH N

(2013141033120)

Under the Guidance of

Mrs. RAMYADEVI R, MCA

April 2021

DECLARATION

I, **HARISH N (Register Number: 2013141033120) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE CHARITY MANAGEMENT SYSTEM"**. I declare that this is my original work.

Harish.N

PLACE: CHENNAI

DATE: 06/04/2021

HARISH N

(Register Number: 2013141033120)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CHARITY MANAGEMENT SYSTEM"** is the bonafide work carried out by **HARISH N (Register Number : 2013141033120), I year BCA-C,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE CAR RENTAL SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

JAGAN V

(2013141033121)

Under the Guidance of

Mrs. RAMYADEVI R., MCA

April 2021

DECLARATION

I, **JAGAN V (Register Number: 2013141033121) I year BCA-C**student of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE CAR RENTAL SYSTEM"**. I declare that this is my original work.

Jagan.V

PLACE: CHENNAI

DATE: 06/04/2021

JAGAN V

(Register Number:2013141033121)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CAR RENTAL SYSTEM"** is the bonafide work carried out by **JAGAN V (Register Number : 2013141033121), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE CAR RENTAL SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

KARTHIKEYAN S

(2013141033122)

Under the Guidance of

Mrs. RAMYADEVI R., MCA

April 2021

DECLARATION

I, **KARTHIKEYAN S (Register Number: 2013141033122) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE CAR RENTAL SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/2021

KARTHIKEYAN S

(Register Number: 2013141033122)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CAR RENTAL SYSTEM"** is the bonafide work carried out by **KARTHIKEYAN S (Register Number : 2013141033122), I year BCA-C,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE CAR RENTAL SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

KATHIRESH D

(2013141033123)

Under the Guidance of

Mrs. RAMYADEVI R., MCA

April 2021

DECLARATION

I, KATHIRESH D (Register Number: 2013141033123) I year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE CAR RENTAL SYSTEM"**. I declare that this is my original work.

D. Kathiresh

PLACE: Chennai

DATE: 06/04/2021

KATHIRESH D

(Register Number: 2013141033123)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CAR RENTAL SYSTEM"** is the bonafide work carried out by **KATHIRESH D (Register Number : 2013141033123), I year BCA-C,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE CAR RENTAL SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

LINGESH J

(2013141033124)

Under the Guidance of

Mrs. RAMYADEVI R., MCA

April 2021

DECLARATION

I, LINGESH J (Register Number: 2013141033124) I year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE CAR RENTAL SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/21

J. Lingesh

LINGESH J

(Register Number: 2013141033124)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CAR RENTAL SYSTEM"** is the bonafide work carried out by **LINGESH J (Register Number : 2013141033124), I year BCA-C,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE CAR RENTAL SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

LOURDU ANTHONY RAJ T

(2013141033125)

Under the Guidance of

Mrs. RAMYADEVI R., MCA

April 2021

DECLARATION

I, LOURDU ANTHONY RAJ T (Register Number: 2013141033125) I year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title **"ONLINE CAR RENTAL SYSTEM"**. I declare that this is my original work.

T. Lourdu

PLACE: CHENNAI

LOURDU ANTHONY RAJ T

DATE: 06.04.2021

(Register Number :2013141033125)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE CAR RENTAL SYSTEM"** is the bonafide work carried out by **LOURDU ANTHONY RAJ T (Register Number : 2013141033125), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CAMPUS RECRUITMENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MADHAN KUMAR K

(2013141033126)

Under the Guidance of

Mrs. RAMYADEVI R MCA

April 2021

DECLARATION

I, **MADHAN KUMAR K (Register Number: 2013141033126) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

K. Madhan Kumar

PLACE: CHENNAI

DATE: 06/04/21

MADHAN KUMAR K

(Register Number : 2013141033126)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **MADHAN KUMAR K (Register Number : 2013141033126), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CAMPUS RECRUITMENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MANOJ KUMAR M

(2013141033127)

Under the Guidance of

Mrs. RAMYADEVI R MCA

April 2021

DECLARATION

I, **MANOJ KUMAR M (Register Number: 2013141033127) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/4/2021

MANOJ KUMAR M

(Register Number : 2013141033127)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **MANOJ KUMAR M (Register Number : 2013141033127), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CAMPUS RECRUITMENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MARIA JOSHUA ROY A

(2013141033128)

Under the Guidance of

Mrs. RAMYADEVI R MCA

April 2021

DECLARATION

I, **MARIA JOSHUA ROY A (Register Number: 2013141033128) I year BCA-C**student of Guru Nanak College (Autonomous), has done aproject report on the title **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/2021

MARIA JOSHUA ROY A

(Register Number : 2013141033128)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **MARIA JOSHUA ROY A (Register Number : 2013141033128), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CAMPUS RECRUITMENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MOHAMED PARVEZ B

(2013141033129)

Under the Guidance of

Mrs. RAMYADEVI R MCA

April 2021

DECLARATION

I, **MOHAMED PARVEZ B (Register Number: 2013141033129) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/2021

MOHAMED PARVEZ B

(Register Number : 2013141033129)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"** is the bonafide work carried out by **MOHAMED PARVEZ B (Register Number : 2013141033129), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

CAMPUS RECRUITMENT MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

MUKILAN K

(2013141033130)

Under the Guidance of

Mrs. RAMYADEVI R, MCA

April 2021

DECLARATION

I, **MUKILAN K (Register Number: 2013141033130) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: velachery

DATE: 06.04.2021

K. mukilan

MUKILAN K

(Register Number : 2013141033130)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled "**CAMPUS RECRUITMENT MANAGEMENT SYSTEM**" is the bonafide work carried out by **MUKILAN K (Register Number : 2013141033130), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K. RAJIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE FEE PAYMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NANDHAKUMAR L

(2013141033131)

Under the Guidance of

Mr. GOVINDARAJAN S, M.Sc., M.Phil., SET., NET

April 2021

DECLARATION

I, **NANDHAKUMAR L (Register Number: 2013141033131) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE FEE PAYMENT SYSTEM"**. I declare that this is my original work.

L Nandha Kumar

PLACE: CHENNAI

NANDHAKUMAR L

DATE: 06/04/21

(Register Number : 2013141033131)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE FEE PAYMENT SYSTEM"** is the bonafide work carried out by **NANDHAKUMAR L (Register Number : 2013141033131), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE FEE PAYMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NAVEEN R

(2013141033132)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, NAVEEN R (Register Number: 2013141033132) I year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE FEE PAYMENT SYSTEM"**. I declare that this is my original work.

R. Naveen.

NAVEEN R

(Register Number : 2013141033132)

PLACE: chennai

DATE: 06/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE FEE PAYMENT SYSTEM"** is the bonafide work carried out by **NAVEEN R (Register Number : 2013141033132), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE FEE PAYMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NEVIN ALEX ARUN

(2013141033133)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **NEVIN ALEX ARUN (Register Number: 2013141033133) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE FEE PAYMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 6/4/21

NEVIN ALEX ARUN

(Register Number : 2013141033133)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE FEE PAYMENT SYSTEM"** is the bonafide work carried out by **NEVIN ALEX ARUN (Register Number : 2013141033133), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.



ONLINE FEE PAYMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

NISHANTH R

(2013141033134)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **NISHANTH R (Register Number: 2013141033134) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE FEE PAYMENT SYSTEM"**. I declare that this is my original work.

Nishanth.R

PLACE: CHENNAI

DATE: 06-04-2021

NISHANTH R

(Register Number : 2013141033134)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled "**ONLINE FEE PAYMENT SYSTEM**" is the bonafide work carried out by **NISHANTH R (Register Number : 2013141033134), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

ONLINE FEE PAYMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRASANTH M

(2013141033135)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **PRASANTH M (Register Number: 2013141033135)** I year **BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"ONLINE FEE PAYMENT SYSTEM"**. I declare that this is my original work.

M. Prasanth

PLACE: Chennai

DATE: 06/04/2021

PRASANTH M

(Register Number : 2013141033135)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"ONLINE FEE PAYMENT SYSTEM"** is the bonafide work carried out by **PRASANTH M (Register Number : 2013141033135), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

WASTE FOOD DISTRIBUTION SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

PRATHAP R

(20131410331136)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **PRATHAP R (Register Number: 2013141033136) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"WASTE FOOD DISTRIBUTION SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

PRATHAP R

(Register Number : 2013141033136)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"WASTE FOOD DISTRIBUTION SYSTEM"** is the bonafide work carried out by **PRATHAP R (Register Number : 2013141033136), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

WASTE FOOD DISTRIBUTION SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

PRAVINKUMAR R

(2013141033137)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **PRAVINKUMAR R (Register Number: 2013141033137)** I year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"WASTE FOOD DISTRIBUTION SYSTEM"**. I declare that this is my original work.

R. Pravinkumar

PLACE: Chennai

PRAVINKUMAR R

DATE: 06/04/2021

(Register Number : 2013141033137)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"WASTE FOOD DISTRIBUTION SYSTEM"** is the bonafide work carried out by **PRAVINKUMAR R (Register Number : 2013141033137), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K KAVITHA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

WASTE FOOD DISTRIBUTION SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

RAGHUPRASATH S

(2013141033138)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **RAGHUPRASATH S (Register Number: 2013141033138) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"WASTE FOOD DISTRIBUTION SYSTEM"**. I declare that this is my original work.

Raghuprasath

PLACE: Chennai

DATE: 6/4/2021

RAGHUPRASATH S

(Register Number : 2013141033138)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"WASTE FOOD DISTRIBUTION SYSTEM"** is the bonafide work carried out by **RAGHUPRASATH S (Register Number : 2013141033138), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

WASTE FOOD DISTRIBUTION SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

RAGHURAM B

(2013141033139)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **RAGHURAM B (Register Number: 2013141033139) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"WASTE FOOD DISTRIBUTION SYSTEM"**. I declare that this is my original work.

Raghuram

PLACE: Velachery

DATE: 06/04/2021

RAGHURAM B

(Register Number : 2013141033139)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"WASTE FOOD DISTRIBUTION SYSTEM"** is the bonafide work carried out by **RAGHURAM B (Register Number : 2013141033139), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

WASTE FOOD DISTRIBUTION SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

RAJ KUMAR K

(2013141033140)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **RAJ KUMAR K (Register Number: 2013141033140) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"WASTE FOOD DISTRIBUTION SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06.04.21

RAJ KUMAR K

(Register Number : 2013141033140)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"WASTE FOOD DISTRIBUTION SYSTEM"** is the bonafide work carried out by **RAJ KUMAR K (Register Number : 2013141033140), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

VEHICLE HIRING SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

ROHITH H

(2013141033141)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **ROHITH H (Register Number: 2013141033141) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"VEHICLE HIRING SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/2021

ROHITH H

(Register Number : 2013141033141)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"VEHICLE HIRING SYSTEM"** is the bonafide work carried out by **ROHITH H (Register Number : 2013141033141), I year BCA-C ,** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

VEHICLE HIRING SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SANTHOSHKUMAR S

(2013141033142)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **SANTHOSHKUMAR S (Register Number: 2013141033142) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"VEHICLE HIRING SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 06/04/2021

SANTHOSHKUMAR S

(Register Number : 2013141033142)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"VEHICLE HIRING SYSTEM"** is the bonafide work carried out by **SANTHOSHKUMAR S (Register Number : 2013141033142), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

VEHICLE HIRING SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SARAVANAN C

(2013141033143)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **SARAVANAN C (Register Number: 2013141033143)** I year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title **"VEHICLE HIRING SYSTEM"**. I declare that this is my original work.

C. Saravanan

SARAVANAN C

PLACE: Chennai

DATE: 06/04/2021

(Register Number : 2013141033143)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"VEHICLE HIRING SYSTEM"** is the bonafide work carried out by **SARAVANAN C (Register Number : 2013141033143), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

VEHICLE HIRING SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SARAVANAN R

(2013141033144)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **SARAVANAN R (Register Number: 2013141033144) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"VEHICLE HIRING SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/21

SARAVANAN R

(Register Number : 2013141033144)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"VEHICLE HIRING SYSTEM"** is the bonafide work carried out by **SARAVANAN R (Register Number : 2013141033144), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

VEHICLE HIRING SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SETHU RAMALINGAM K

(2013141033145)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **SETHU RAMALINGAM K (Register Number: 2013141033145) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"VEHICLE HIRING SYSTEM"**. I declare that this is my original work.

PLACE: velachery, chennai

DATE: 6/4/2021

K. Sethu Lt:

SETHU RAMALINGAM K

(Register Number : 2013141033145)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"VEHICLE HIRING SYSTEM"** is the bonafide work carried out by **SETHU RAMALINGAM K (Register Number : 2013141033145), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

TOURISM MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF BCA

Submitted by

SRIDHAR M

(2013141033146)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **SRIDHAR M (Register Number: 2013141033146) I year BCA-C** student of Guru Nanak College (Autonomous), has done a project report on the title **"TOURISM MANAGEMENT SYSTEM"**. I declare that this is my original work.

M. Sridhar

PLACE: Chennai

SRIDHAR M

DATE: 06/04/2021

(Register Number : 2013141033146)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TOURISM MANAGEMENT SYSTEM "** is the bonafide work carried out by **SRIDHAR M (Register Number : 2013141033146), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

TOURISM MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SUBASH SANTHOSH B

(2013141033147)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **SUBASH SANTHOSH B (Register Number: 2013141033147) I year BCA-C**student of Guru Nanak College (Autonomous), has done aproject report on the title **"TOURISM MANAGEMENT SYSTEM"**. I declare that this is my original work.

B. Subash Santhosh

PLACE: CHENNAI **SUBASH SANTHOSH B**

DATE: 06/04/2021 **(Register Number :2013141033147)**

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TOURISM MANAGEMENT SYSTEM"** is the bonafide work carried out by **SUBASH SANTHOSH B (Register Number : 2013141033147), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

TOURISM MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

SURESH KANNA S

(2013141033148)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, **SURESH KANNA S (Register Number: 2013141033148) I year BCA-C**student of Guru Nanak College (Autonomous), has done aproject report on the title **"TOURISM MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: CHENNAI

DATE: 06/04/2021

SURESH KANNA S

(Register Number :2013141033148)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TOURISM MANAGEMENT SYSTEM"** is the bonafide work carried out by **SURESH KANNA S (Register Number : 2013141033148), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

TOURISM MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

VASEEKARAN R

(2013141033149)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, VASEEKARAN R (Register Number: 2013141033149) I year BCA-Cstudent of Guru Nanak College (Autonomous), has done aproject report on the title "**TOURISM MANAGEMENT SYSTEM**". I declare that this is my original work.

PLACE: Chennai

DATE: 6/4/2021

VASEEKARAN R

(Register Number :2013141033149)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TOURISM MANAGEMENT SYSTEM"** is the bonafide work carried out by **VASEEKARAN R (Register Number : 2013141033149), I yearBCA-C,** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

TOURISM MANAGEMENT SYSTEM

PROJECT REPORT

Submitted To

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF BCA

Submitted by

YUKESH V

(2013141033150)

Under the Guidance of

Mr. GOVINDARAJAN S M.Sc.,M.Phil.,SET.,NET

April 2021

DECLARATION

I, YUKESH V (Register Number: 2013141033150) I year BCA-C student of Guru Nanak College (Autonomous), has done a project report on the title "TOURISM MANAGEMENT SYSTEM". I declare that this is my original work.

PLACE: chennai

DATE: 06/04/2021

YUKESH V

(Register Number : 2013141033150)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"TOURISM MANAGEMENT SYSTEM "** is the bonafide work carried out by **YUKESH V (Register Number : 2013141033150), I year BCA-C** , Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

K.RAVIYA
Head - Incharge
Dept. of Computer Application
Guru Nanak College - Shift -II
Velachery, Chennai - 600 042.

A STUDY ON BLOCK CHAIN

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ADHITHYA B

(Reg. no : 2013141058001)

Under the Guidance of

Ms. F. Regina Ananthi

MARCH 2021

DECLARATION

I, **ADHITHYA B (Register Number: 2013141058001) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BLOCK CHAIN"**. I declare that this is my original work.

B. Adhithya

PLACE: Chennai

ADHITHYA B

DATE: 17/03/2021

(Register Number: 2013141058001)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BLOCK CHAIN"** is the bonafide work carried out by **ADHITHYA B (Register Number: 2013141058001), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department



Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON BLOCK CHAIN

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AGILAN G

(Reg. no :2013141058002)

Under the Guidance of

Ms. F. Regina Ananthi

MARCH 2021

DECLARATION

I, **AGILAN G (Register Number: 2013141058002) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BLOCK CHAIN"**. I declare that this is my original work.

G. Agilan

PLACE: Chennai

AGILAN G

DATE: 17/03/2021

(Register Number: 2013141058002)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BLOCK CHAIN"** is the bonafide work carried out by **AGILAN G (Register Number: 2013141058002), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON BLOCK CHAIN

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AJITH KUMAR P

(Reg. no :2013141058003)

Under the Guidance of

Ms. F. Regina Ananthi

MARCH 2021

DECLARATION

I, **AJITH KUMAR P (Register Number: 2013141058003) I year B.Sc Computer Science** – A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BLOCK CHAIN"**. I declare that this is my original work.

P. Ajithkume

PLACE: Chennai

AJITH KUMAR P

DATE: 17/03/2021

(Register Number: 2013141058003)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BLOCK CHAIN"** is the bonafide work carried out by **AJITH KUMAR P (Register Number: 2013141058003), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON BLOCK CHAIN

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AJITH KUMAR S S

(Reg. no :2013141058004)

Under the Guidance of

Ms. F. Regina Ananthi

MARCH 2021

DECLARATION

I, **AJITH KUMAR S S (Register Number: 2013141058004) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BLOCK CHAIN"**. I declare that this is my original work.



PLACE: Chennai

AJITH KUMAR S S

DATE: 17/03/2021

(Register Number: 2013141058004)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BLOCK CHAIN"** is the bonafide work carried out by **AJITH KUMAR S S (Register Number: 2013141058004), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON BLOCK CHAIN

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AKASH M

(Reg. no :2013141058005)

Under the Guidance of

Ms. F. Regina Ananthi

MARCH 2021

DECLARATION

I, **AKASH M (Register Number: 2013141058005) I year B.Sc Computer Science** – A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BLOCK CHAIN"**. I declare that this is my original work.



PLACE: Chennai

DATE: 17/03/2021

AKASH M

(Register Number: 2013141058005)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BLOCK CHAIN"** is the bonafide work carried out by **AKASH M (Register Number: 2013141058005), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CRYPTO CURRENCY

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ALOZIAS ARON A

(Reg. no :2013141058006)

Under the Guidance of

Ms. F. Regina Ananthi

MARCH 2021

DECLARATION

I, **ALOZIAS ARON A (Register Number: 2013141058006) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CRYPTO CURRENCY"**. I declare that this is my original work.

A. Alozias Aron.

PLACE: Chennai

ALOZIAS ARON A

DATE: 17/03/2021

(Register Number: 2013141058006)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CRYPTO CURRENCY"** is the bonafide work carried out by **ALOZIAS ARON A (Register Number: 2013141058006), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURUNANAK COLLEGE AUTONOMOUS CHENNAI
B.Sc. Computer Science

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CRYPTO CURRENCY

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ANIRUDH SESHADHRI R

(Reg. no :2013141058007)

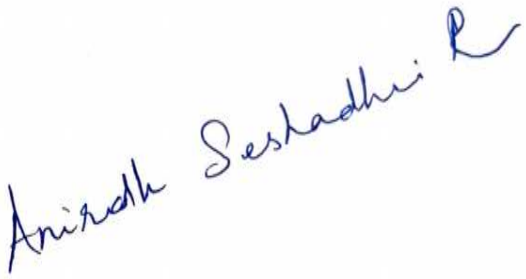
Under the Guidance of

Ms. F. Regina Ananthi

MARCH 2021

DECLARATION

I, **ANIRUDH SESHADHRI R (Register Number: 2013141058007) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CRYPTO CURRENCY"**. I declare that this is my original work.



PLACE: Chennai

DATE: 17/03/2021

ANIRUDH SESHADHRI R

(Register Number: 2013141058007)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CRYPTO CURRENCY"** is the bonafide work carried out by **ANIRUDH SESHADHRI R (Register Number: 2013141058007), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CRYPTO CURRENCY

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ARAVIND N

(Reg. no : 2013141058009)

Under the Guidance of

Ms. F. Regina Ananthi

MARCH 2021

DECLARATION

I, **ARAVIND N (Register Number: 2013141058009) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CRYPTO CURRENCY"**. I declare that this is my original work.

Aravind N

PLACE: Chennai

ARAVIND N

DATE: 17/03/2021

(Register Number: 2013141058009)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CRYPTO CURRENCY"** is the bonafide work carried out by **ARAVIND N (Register Number: 2013141058009), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON CRYPTO CURRENCY

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ARAVIND R

(Reg. no :2013141058010)

Under the Guidance of

Ms. F. Regina Ananthi

MARCH 2021

DECLARATION

I, **ARAVIND R (Register Number: 2013141058010) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CRYPTO CURRENCY"**. I declare that this is my original work.

R. Aravind

PLACE: Chennai

ARAVIND R

DATE: 17/03/2021

(Register Number: 2013141058010)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CRYPTO CURRENCY"** is the bonafide work carried out by **ARAVIND R (Register Number: 2013141058010), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON CRYPTO CURRENCY

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ARAVINDHA KRUSHNAN R G

(Reg. no :2013141058011)

Under the Guidance of

Ms. F. Regina Ananthi

MARCH 2021

DECLARATION

I, **ARAVINDHA KRUSHNAN R G (Register Number: 2013141058011) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CRYPTO CURRENCY"**. I declare that this is my original work.

R. G. Aravidha Krushnan

PLACE: Chennai

DATE: 17/03/2021

ARAVINDHA KRUSHNAN R G

(Register Number: 2013141058011)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CRYPTO CURRENCY"** is the bonafide work carried out by **ARAVINDHA KRUSHNAN R G (Register Number: 2013141058011), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
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Velachery, Chennai - 42

A STUDY ON IOT IN MEDICAL SCIENCE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

BALASUBRAMANIAN S

(Reg. no :2013141058012)

Under the Guidance of

Ms. F. Regina Ananthi

MARCH 2021

DECLARATION

I, **BALASUBRAMANIAN S (Register Number: 2013141058012) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON IOT IN MEDICAL SCIENCE"**. I declare that this is my original work.

S. Balasubramanian

PLACE: Chennai

DATE: 17/03/2021

BALASUBRAMANIAN S

(Register Number: 2013141058012)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON IOT IN MEDICAL SCIENCE"** is the bonafide work carried out by **BALASUBRAMANIAN S (Register Number: 2013141058012), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURUNANAK COLLEGE AUTONOMOUS
B.Sc. Computer Science

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
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A STUDY ON IOT IN MEDICAL SCIENCE

Submitted to

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VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

BARATH R

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MARCH 2021

DECLARATION

I, **BARATH R (Register Number: 2013141058013) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON IOT IN MEDICAL SCIENCE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

BARATH R

(Register Number: 2013141058013)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON IOT IN MEDICAL SCIENCE"** is the bonafide work carried out by **BARATH R (Register Number: 2013141058013), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
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A STUDY ON IOT IN MEDICAL SCIENCE

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

CHANDRU B

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MARCH 2021

DECLARATION

I, **CHANDRU B (Register Number: 2013141058014) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON IOT IN MEDICAL SCIENCE"**. I declare that this is my original work.

B- chandru

PLACE: Chennai

DATE: 17/03/2021

CHANDRU B

(Register Number: 2013141058014)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON IOT IN MEDICAL SCIENCE"** is the bonafide work carried out by **CHANDRU B (Register Number: 2013141058014), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURU NANAK COLLEGE B.Sc Computer Science

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A STUDY ON IOT IN MEDICAL SCIENCE

Submitted to

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VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DHARUN PRASAD B

(Reg. no :2013141058015)

Under the Guidance of

Ms. F. Regina Ananthi

MARCH 2021

DECLARATION

I, **DHARUN PRASAD B (Register Number: 2013141058015) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON IOT IN MEDICAL SCIENCE"**. I declare that this is my original work.



PLACE: Chennai

DATE: 17/03/2021

DHARUN PRASAD B

(Register Number: 2013141058015)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON IOT IN MEDICAL SCIENCE"** is the bonafide work carried out by **DHARUN PRASAD B (Register Number: 2013141058015), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON IOT IN MEDICAL SCIENCE

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

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I, **EBENEZER SILAS V (Register Number: 2013141058016) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON IOT IN MEDICAL SCIENCE"**. I declare that this is my original work.

PLACE: Chennai

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EBENEZER SILAS V

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON IOT IN MEDICAL SCIENCE"** is the bonafide work carried out by **EBENEZER SILAS V (Register Number: 2013141058016), I year B.Sc Computer Science - A** Under my guidance and supervision .

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A STUDY ON AI AND ITS IMPACT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

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(Reg. no : 2013141058017)

Under the Guidance of

Ms. R . Akila

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DECLARATION

I, **GUHAN RAJ M (Register Number: 2013141058017) I year B.Sc Computer Science** – A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON AI AND ITS IMPACT"**. I declare that this is my original work.

M. Guhan raj

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GUHAN RAJ M

DATE: 17/03/2021

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON AI AND ITS IMPACT"** is the bonafide work carried out by **GUHAN RAJ M (Register Number: 2013141058017), I year B.Sc Computer Science - A** Under my guidance and supervision .

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A STUDY ON AI AND ITS IMPACT

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

HEMANTH KUMAR S

(Reg. no : 2013141058018)

Under the Guidance of

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MARCH 2021

DECLARATION

I, **HEMANTH KUMAR S (Register Number: 2013141058018) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON AI AND ITS IMPACT"**. I declare that this is my original work.

S. Hemanth kumar

PLACE: Chennai

HEMANTH KUMAR S

DATE: 17/03/2021

(Register Number:2013141058018)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON AI AND ITS IMPACT"** is the bonafide work carried out by **HEMANTH KUMAR S (Register Number:2013141058018), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON AI AND ITS IMPACT

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

JEEVITHA S

(Reg. no : 2013141058019)

Under the Guidance of

Ms. R . Akila

MARCH 2021

DECLARATION

I, **JEEVITHA S (Register Number: 20131410580l9) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON AI AND ITS IMPACT"**. I declare that this is my original work.

Jeevitha.S

PLACE: Chennai

JEEVITHA S

DATE: 17/03/2021

(Register Number:20131410580l9)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON AI AND ITS IMPACT"** is the bonafide work carried out by **JEEVITHA S (Register Number:2013141058019), I year B.Sc Computer Science - A** Under my guidance and supervision .

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Dr. R.Rajini Surendranath, M.A. M.Phil. Ph.D
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A STUDY ON AI AND ITS IMPACT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KARAN N

(Reg. no : 2013141058020)

Under the Guidance of

Ms. R . Akila

MARCH 2021

DECLARATION

I, **KARAN N (Register Number: 2013141058020) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON AI AND ITS IMPACT"**. I declare that this is my original work.

N. Karan

PLACE: Chennai

KARAN N

DATE: 17/03/2021

(Register Number:2013141058020)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON AI AND ITS IMPACT"** is the bonafide work carried out by **KARAN N (Register Number:2013141058020), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.Sc., M.Phil., Ph.D
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A STUDY ON AI AND ITS IMPACT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KARTHIK RAGAVENDER B

(Reg. no : 2013141058021)

Under the Guidance of

Ms. R . Akila

MARCH 2021

DECLARATION

I, **KARTHIK RAGAVENDER B (Register Number: 2013141058021) I year B.Sc Computer Science** – A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON AI AND ITS IMPACT"**. I declare that this is my original work.

Karthik Ragavendar. B.

PLACE: Chennai

KARTHIK RAGAVENDER B

DATE: 17/03/2021

(Register Number:2013141058021)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON AI AND ITS IMPACT"** is the bonafide work carried out by **KARTHIK RAGAVENDER B (Register Number:2013141058021), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSIONS

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KIRTI G

(Reg. no : 2013141058022)

Under the Guidance of

Ms. R . Akila

MARCH 2021

DECLARATION

I, **KIRTI G (Register Number: 2013141058022) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSIONS"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

KIRTI G

(Register Number:2013141058022)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSIONS"** is the bonafide work carried out by **KIRTI G (Register Number:2013141058022), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURUNANAK COLLEGE AUTONOMOUS B.Sc. Computer Science

Dr. R.Rajini Surendranath, M.A., M.Phil., Ph.D
Associate Professor & Head
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Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSIONS

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KRISHNA MOORTHY S

(Reg. no : 2013141058023)

Under the Guidance of

Ms. R . Akila

MARCH 2021

DECLARATION

I, **KRISHNA MOORTHY S (Register Number: 2013141058023) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSIONS"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

S. krishna moorthy

KRISHNA MOORTHY S

(Register Number:2013141058023)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSIONS"** is the bonafide work carried out by **KRISHNA MOORTHY S (Register Number:2013141058023), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSIONS

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KUMARAN P

(Reg. no : 2013141058024)

Under the Guidance of

Ms. R . Akila

MARCH 2021

DECLARATION

I, **KUMARAN P (Register Number: 2013141058024) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSIONS"**. I declare that this is my original work.

Kumaran

PLACE: Chennai

KUMARAN P

DATE: 17/03/2021

(Register Number:2013141058024)

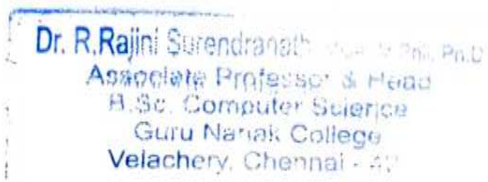
BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSIONS"** is the bonafide work carried out by **KUMARAN P (Register Number:2013141058024), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department





A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSIONS

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

LOKESH K

(Reg. no : 2013141058025)

Under the Guidance of

Ms. R . Akila

MARCH 2021

DECLARATION

I, **LOKESH K (Register Number: 2013141058025) I year B.Sc Computer Science – A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSIONS"**. I declare that this is my original work.

K. Lokesh

PLACE: Chennai

LOKESH K

DATE: 17/03/2021

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSIONS"** is the bonafide work carried out by **LOKESH K (Register Number:2013141058025), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.A., M.Phil., Ph.D
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A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSION

Submitted to

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VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MANOJ KUMAR G

(Reg. no : 2013141058026)

Under the Guidance of

Ms. R . Akila

MARCH 2021

DECLARATION

I,**MANOJ KUMAR G (Register Number: 2013141058026) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSION "**. I declare that this is my original work.



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DATE: 17/03/2021

MANOJ KUMAR G

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This is to certify that project Report entitled **"A STUDY ON CONTROLLING AND UNDERSTANDING ABOUT COVID-19 TRANSMISSION"** is the bonafide work carried out by **MANOJ KUMAR G (Register Number:201314105802 6), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr R Rajini

A STUDY ON OPEN SOURCE SOFTWARE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MUKESH K

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Ms. R . Akila

MARCH 2021

DECLARATION

I,**MUKESH K (Register Number: 2013141058027) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON OPEN SOURCE SOFTWARE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

K. Mukesh.

MUKESH K

(Register Number:2013141058027)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON OPEN SOURCE SOFTWARE"** is the bonafide work carried out by **MUKESH K (Register Number:2013141058027), 1 year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendran
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A STUDY ON OPEN SOURCE SOFTWARE

Submitted to

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VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

NACHIAPPAN L

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MARCH 2021

DECLARATION

I,**NACHIAPPAN L (Register Number: 2013141058028) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON OPEN SOURCE SOFTWARE "**. I declare that this is my original work.



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NACHIAPPAN L

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This is to certify that project Report entitled **"A STUDY ON OPEN SOURCE SOFTWARE"** is the bonafide work carried out by **NACHIAPPAN L (Register Number:2013141058028), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON OPEN SOURCE SOFTWARE

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

NAVEEN S

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MARCH 2021

DECLARATION

I,**NAVEEN S (Register Number: 2013141058029) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON OPEN SOURCE SOFTWARE "**. I declare that this is my original work.

Naveen.S

PLACE: Chennai

NAVEEN S

DATE: 17/03/2021

(Register Number:2013141058029)

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This is to certify that project Report entitled **"A STUDY ON OPEN SOURCE SOFTWARE"** is the bonafide work carried out by **NAVEEN S (Register Number:2013141058029), 1 year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON OPEN SOURCE SOFTWARE

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

NOORTHANA T

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Under the Guidance of

Ms. R . Akila

MARCH 2021

DECLARATION

I,**NOORTHANA T (Register Number: 2013141058030) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON OPEN SOURCE SOFTWARE "**. I declare that this is my original work.

T. Noorthana

PLACE: Chennai

NOORTHANA T

DATE: 17/03/2021

(Register Number:2013141058030)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON OPEN SOURCE SOFTWARE"** is the bonafide work carried out by **NOORTHANA T (Register Number:2013141058030), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON OPEN SOURCE SOFTWARE

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

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Under the Guidance of

Ms. R . Akila

MARCH 2021

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I,**PASUPULETI VENKATA SAI VIKAS (Register Number: 2013141058031) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON OPEN SOURCE SOFTWARE "**. I declare that this is my original work.



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DATE: 17/03/2021

PASUPULETI VENKATA SAI VIKAS

(Register Number:2013141058031)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON OPEN SOURCE SOFTWARE "** is the bonafide work carried out by **PASUPULETI VENKATA SAI VIKAS (Register Number:2013141058031), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath
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Velachery, Chennai

A STUDY ON BITCOINS

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

PRATHAMESH S

(Reg. no : 2013141058033)

Under the Guidance of

Ms. M . S . Jayaprabha

MARCH 2021

DECLARATION

I,**PRATHAMESH S (Register Number: 2013141058033) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title**"A STUDY ON BITCOINS "**. I declare that this is my original work.



PLACE: Chennai

PRATHAMESH S

DATE: 17/03/2021

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BITCOINS "** is the bonafide work carried out by **PRATHAMESH S (Register Number:2013141058033), I year B.Sc Computer Science - A** Under my guidance and supervision .

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Signature of Head of the Department

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A STUDY ON BITCOINS

Submitted to

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VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

RAGUL M

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I,**RAGUL M (Register Number: 2013141058034) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BITCOINS "**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

RAGUL M

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This is to certify that project Report entitled **"A STUDY ON BITCOINS "** is the bonafide work carried out by **RAGUL M (Register Number:2013141058034), I year B.Sc Computer Science - A** Under my guidance and supervision .

M.S. Jayapal

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON BITCOINS

Submitted to

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VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

RAINBOW

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MARCH 2021

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I,**RAINBOW (Register Number: 2013141058035) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BITCOINS "**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

RAINBOW

(Register Number:2013141058035)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BITCOINS "** is the bonafide work carried out by **RAINBOW (Register Number:2013141058035), I year B.Sc Computer Science - A** Under my guidance and supervision .

M.S. Jayapal

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON BITCOINS

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

RAJENDRA PRASATH K

(Reg. no : 2013141058036)

Under the Guidance of

Ms. M . S . Jayaprabha

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DECLARATION

I,**RAJENDRA PRASATH K (Register Number: 2013141058036) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BITCOINS "**. I declare that this is my original work.

Rajendra Prasath. K

PLACE: Chennai

RAJENDRA PRASATH K

DATE: 17/03/2021

(Register Number:2013141058036)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BITCOINS "** is the bonafide work carried out by **RAJENDRA PRASATH K (Register Number:2013141058036),I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON BITCOINS

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

RUPOM HAZRA

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MARCH 2021

DECLARATION

I,**RUPOM HAZRA (Register Number: 2013141058037) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BITCOINS "**. I declare that this is my original work.

Rupom Hazra

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RUPOM HAZRA

DATE: 17/03/2021

(Register Number:2013141058037)

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This is to certify that project Report entitled **"A STUDY ON BITCOINS "** is the bonafide work carried out by **RUPOM HAZRA (Register Number:2013141058037), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON UPI

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SAKTHIVEL A

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DECLARATION

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A. Sakthivel.

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SAKTHIVEL A

DATE: 17/03/2021

(Register Number:2013141058038)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON UPI "** is the bonafide work carried out by **SAKTHIVEL A (Register Number:2013141058038), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON UPI

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SANDEEP S

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DECLARATION

I, **SANDEEP S (Register Number: 2013141058039) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON UPI "**. I declare that this is my original work.

Sandeep. S

SANDEEP S

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This is to certify that project Report entitled **"A STUDY ON UPI "** is the bonafide work carried out by **SANDEEP S (Register Number:2013141058039), I year B.Sc Computer Science - A** Under my guidance and supervision .

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A STUDY ON UPI

Submitted to

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VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SANJAI KUMAR V

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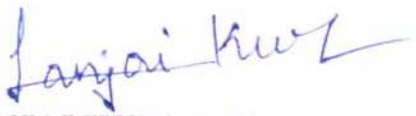
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MARCH 2021

DECLARATION

I,**SANJAI KUMAR V (Register Number: 2013141058040) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON UPI "**. I declare that this is my original work.



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SANJAI KUMAR V

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This is to certify that project Report entitled **"A STUDY ON UPI "** is the bonafide work carried out by **SANJAI KUMAR V (Register Number:2013141058040), I year B.Sc Computer Science - A** Under my guidance and supervision .

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A STUDY ON UPI

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SANTHOSH J

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A STUDY ON UPI

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DEPARTMENT OF COMPUTER SCIENCE

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I,**SANTHOSH KUMAR R (Register Number: 2013141058042) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON UPI "**. I declare that this is my original work.

Santhosh Kumar

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DATE: 17/03/2021

SANTHOSH KUMAR R

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON UPI "** is the bonafide work carried out by **SANTHOSH KUMAR R (Register Number:2013141058042), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

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DECLARATION

I,**SANTHOSH V (Register Number: 2013141058043) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS"**. I declare that this is my original work.



PLACE: Chennai

DATE: 17/03/2021

SANTHOSH V

(Register Number:2013141058043)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS "** is the bonafide work carried out by **SANTHOSH V (Register Number:2013141058043), I year B.Sc Computer Science - A** Under my guidance and supervision .

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A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS

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DEPARTMENT OF COMPUTER SCIENCE

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Under the Guidance of

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MARCH 2021

DECLARATION

I,**SANTHOSH R S (Register Number: 2013141058044) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS"**. I declare that this is my original work.

PLACE : Chennai

DATE : 17/03/2021

Santhosh

SANTHOSH R S

(Register Number: 2013141058044)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS "** is the bonafide work carried out by **SANTHOSH R S (Register Number:2013141058044), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

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A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS

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VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SARAVANAN B

(Reg. no : 2013141058045)

Under the Guidance of

Ms. M . S . Jayaprabha

MARCH 2021

DECLARATION

I,**SARAVANAN B (Register Number: 2013141058045) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

B. Saravanan

SARAVANAN B

(Register Number:2013141058045)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS "** is the bonafide work carried out by **SARAVANAN B (Register Number:2013141058045), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS

Submitted to

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VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SIDDARTH J

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MARCH 2021

DECLARATION

I,**SIDDARTH J (Register Number: 2013141058046) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS"**. I declare that this is my original work.

J. Siddy

PLACE: Chennai

SIDDARTH J

DATE: 17/03/2021

(Register Number:2013141058046)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS"** is the bonafide work carried out by **SIDDARTH J (Register Number:2013141058046), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.Sc., M.Phil., Ph.D
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A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SURYA R

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Ms. M . S . Jayaprabha

MARCH 2021

DECLARATION

I,**SURYA R (Register Number: 2013141058047) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

SURYA R

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This is to certify that project Report entitled **"A STUDY ON SOCIAL MEDIA AND ITS PLATFORMS"** is the bonafide work carried out by **SURYA R (Register Number:2013141058047), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Sc., M.Phil., Ph.D
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Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CAPITAL MARKETING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

UMA M

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Under the Guidance of

Mr. S . Ubaidulla

MARCH 2021

DECLARATION

I,**UMA M (Register Number: 2013141058048) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CAPITAL MARKETING"**. I declare that this is my original work.

M.Uma

PLACE: Chennai

UMA M

DATE: 17/03/2021

(Register Number:2013141058048)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CAPITAL MARKETING "** is the bonafide work carried out by **UMA M (Register Number:20131141058048), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R Ralin Surendranath, M.C.A, M.Phil, Ph.D
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A STUDY ON CAPITAL MARKETING

Submitted to

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VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VISHWA K

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Mr. S . Ubaidulla

MARCH 2021

DECLARATION

I,**VISHWA K (Register Number: 2013141058049) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CAPITAL MARKETING"**. I declare that this is my original work.

K. Vishwa

VISHWA K

PLACE: Chennai

DATE: 17/03/2021

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CAPITAL MARKETING "** is the bonafide work carried out by **VISHWA K (Register Number:2013141058049), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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Velachery, Chennai - 42.

A STUDY ON CAPITAL MARKETING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VISHWANADAN V

(Reg. no : 2013141058050)

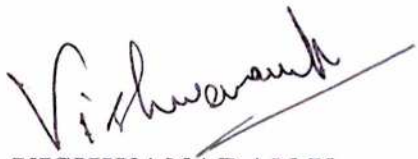
Under the Guidance of

Mr. S . Ubaidulla

MARCH 2021

DECLARATION

I,**VISHWANADAN V (Register Number: 2013141058050) I year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CAPITAL MARKETING"**. I declare that this is my original work.



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VISHWANADAN V

DATE: 17/03/2021

(Register Number:2013141058050)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CAPITAL MARKETING "** is the bonafide work carried out by **VISHWANADAN V (Register Number:2013141058050), I year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON BLOCK CHAIN

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

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AADHITHYA K N

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Under the Guidance of

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MARCH 2021

DECLARATION

I, **AADHITHYA K N (Register Number: 2013141058051) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BLOCK CHAIN"**. I declare that this is my original work.

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DATE: 17/03/2021

K.N. Aadhitya

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GURU NANAK COLLEGE AUTONOMOUS
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A STUDY ON BLOCK CHAIN

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AKASH S

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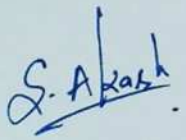
Under the Guidance of

Mr. S. Ubaidulla

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DECLARATION

I, **AKASH S (Register Number: 2013141058052) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BLOCK CHAIN"**. I declare that this is my original work.



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AKASH S

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ANTO ABISHAKE S

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MARCH 2021

A STUDY ON BLOCK CHAIN

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AVANTHIKA A

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Under the Guidance of

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MARCH 2021

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I, **AVANTHIKA A (Register Number: 2013141058054) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BLOCK CHAIN"**. I declare that this is my original work.

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DATE: 17/03/2021

AVANTHIKA A

(Register Number: 2013141058054)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BLOCK CHAIN"** is the bonafide work carried out by **AVANTHIKA A (Register Number: 2013141058054), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURUNANAK COLLEGE AUTONOMOUS B.Sc. Computer Science CHENNAI-42

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON BLOCK CHAIN

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

BARATH KUMAR M

(Reg. no: 2013141058055)

Under the Guidance of

Mr. S. Ubaidulla

MARCH 2021

DECLARATION

I, **BARATH KUMAR M (Register Number: 2013141058055) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BLOCK CHAIN"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

BARATH KUMAR M

(Register Number: 2013141058055)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ESSENTIALITY OF UI AND UX EVERYWHERE"** is the bonafide work carried out by **BOOBALAN K (Register Number: 2013141058056), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

GURUNANAK COLLEGE AUTONOMOUS CHENNAI B.Sc. Computer Science

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ESSENTIALITY OF UI AND UX EVERYWHERE"** is the bonafide work carried out by **BOSE MANO P (Register Number: 2013141058057), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURUNANAK COLLEGE AUTONOMOUS CHENNAI-42 B.Sc. Computer Science

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
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Velachery, Chennai - 42

A STUDY ON ESSENTIALITY OF UI AND UX EVERYWHERE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

CHANDRU A

(Reg. no: 2013141058058)

Under the Guidance of

Mr. S. Ubaidulla

MARCH 2021

A STUDY ON ESSENTIALITY OF UI AND UX EVERYWHERE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DHANUSH GOPI G

(Reg. no: 2013141058059)

Under the Guidance of

Mr. S. Ubaidulla

MARCH 2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ESSENTIALITY OF UI AND UX EVERYWHERE"** is the bonafide work carried out by **DHANUSH GOPI G (Register Number: 2013141058059), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURUNANAK COLLEGE AUTONOMOUS B.Sc. Computer Science

Dr. R.Rajini Surendranath, M.C.A., M.Phil, Ph.D
Associate Professor & Head
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Velachery, Chennai - 42.

A STUDY ON ESSENTIALITY OF UI AND UX EVERYWHERE

Submitted to

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VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DILLI K

(Reg. no: 2013141058060)

Under the Guidance of

Mr. S. Ubaidulla

MARCH 2021

DECLARATION

I, **DILLI K (Register Number: 2013141058060) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ESSENTIALITY OF UI AND UX EVERYWHERE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

DILLI K

(Register Number: 2013141058060)

2021.12.17 16:46

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ESSENTIALITY OF UI AND UX EVERYWHERE"** is the bonafide work carried out by **DILLI K (Register Number: 2013141058060), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURU NANAK COLLEGE AUTONOMOUS B.Sc. Computer Science CHENNAI-42

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DHINESH KUMAR V M

(Reg. no: 2013141058061)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **DHINESH KUMAR V M (Register Number: 2013141058061) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE"**. I declare that this is my original work.

V M Dinesh Kumar.

DHINESH KUMAR V M

(Register Number: 2013141058061)

PLACE: Chennai

DATE: 17/03/2021

A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

GOKUL M

(Reg. no: 2013141058062)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **GOKUL M (Register Number: 2013141058062) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE"**. I declare that this is my original work.

M. Gokul

PLACE: Chennai

GOKUL M

DATE: 17/03/2021

(Register Number: 2013141058062)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE"** is the bonafide work carried out by **GOKUL M (Register Number: 2013141058062), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURUNANAK COLLEGE AUTONOMOUS B.Sc. Computer Science

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
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Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

GOPINATH B

(Reg. no: 2013141058063)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **GOPINATH B (Register Number: 2013141058063) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE"**. I declare that this is my original work.

B Gopinath

PLACE: Chennai

GOPINATH B

DATE: 17/03/2021

(Register Number: 2013141058063)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE"** is the bonafide work carried out by **GOPINATH B (Register Number: 2013141058063), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURUNANAK COLLEGE AUTONOMOUS B.Sc. Computer Science CHENNAI-42

Dr. R.Rajini Surendranath, M.C.A., M.Phil., Ph.D
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Guru Nanak College
Velachery, Chennai - 42

A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

GOWRI SHANKAR N

(Reg. no: 2013141058064)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **GOWRI SHANKAR N (Register Number: 2013141058064) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

GOWRI SHANKAR N

(Register Number: 2013141058064)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE"** is the bonafide work carried out by **GOWRI SHANKAR N (Register Number: 2013141058064), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURUNANAK COLLEGE AUTONOMOUS B.Sc. Computer Science CHENNAI-42

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Velachery, Chennai - 42.

A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

GUGAN S

(Reg. no: 2013141058065)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **GUGAN S (Register Number: 2013141058065) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE"**. I declare that this is my original work.

S. Gugan

PLACE: Chennai

GUGAN S

DATE: 17/03/2021

(Register Number: 2013141058065)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON VIRTUAL DESK ASSISTANT USING ARTIFICIAL INTELLIGENCE"** is the bonafide work carried out by **GUGAN S (Register Number: 2013141058065), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

GURUNANAK COLLEGE AUTONOMOUS B.Sc. Computer Science CHENNAI-42

A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE

USING HTML , CSS AND JAVASCRIPT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

HARI VIGNESH M

(Reg. no: 2013141058066)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **HARI VIGNESH M (Register Number: 2013141058066) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE USING HTML , CSS AND JAVASCRIPT"**. I declare that this is my original work.

Hari vignesh M

PLACE: Chennai

HARI VIGNESH M

DATE: 17/03/2021

(Register Number: 2013141058066)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE USING HTML , CSS AND JAVASCRIPT"** is the bonafide work carried out by **HARI VIGNESH M (Register Number: 2013141058066), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURUNANAK COLLEGE AUTONOMOUS B.Sc. Computer Science CHENNAI-42

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE

USING HTML , CSS AND JAVASCRIPT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

HARIKRISHNAN J

(Reg. no: 2013141058067)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **HARIKRISHNAN J (Register Number: 2013141058067) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE USING HTML , CSS AND JAVASCRIPT"**. I declare that this is my original work.

J. Harikrishnan

PLACE: Chennai

DATE: 17/03/2021

HARIKRISHNAN J

(Register Number: 2013141058067)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE USING HTML , CSS AND JAVASCRIPT"** is the bonafide work carried out by **HARIKRISHNAN J (Register Number: 2013141058067), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
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B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

GURUNANAK COLLEGE AUTONOMOUS
B.Sc. Computer Science
CHENNAI-42

A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE

USING HTML , CSS AND JAVASCRIPT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

HARISH S

(Reg. no: 2013141058068)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **HARISH S (Register Number: 2013141058068) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE USING HTML , CSS AND JAVASCRIPT"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

HARISH S

(Register Number: 2013141058068)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE USING HTML , CSS AND JAVASCRIPT"** is the bonafide work carried out by **HARISH S (Register Number: 2013141058068), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Guru Nanak College
Velachery, Chennai - 42

A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE

USING HTML , CSS AND JAVASCRIPT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

HEMANTH KUMAR V

(Reg. no: 2013141058069)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **HEMANTH KUMAR V (Register Number: 2013141058069) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE USING HTML , CSS AND JAVASCRIPT"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

HEMANTH KUMAR V

(Register Number: 2013141058069)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE USING HTML , CSS AND JAVASCRIPT"** is the bonafide work carried out by **HEMANTH KUMAR V (Register Number: 2013141058069), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE

USING HTML , CSS AND JAVASCRIPT

Submitted to

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VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

JAYANTH MURALI KRISHNA M

(Reg. no: 2013141058070)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **JAYANTH MURALI KRISHNA M (Register Number: 2013141058070) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE USING HTML , CSS AND JAVASCRIPT"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

JAYANTH MURALI KRISHNA M

(Register Number: 2013141058070)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF E-COMMERCE WEBSITE USING HTML , CSS AND JAVASCRIPT"** is the bonafide work carried out by **JAYANTH MURALI KRISHNA M (Register Number: 2013141058070), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURUNANAK COLLEGE AUTONOMOUS CHENNAI-42 B.Sc. Computer Science

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON DEVELOPMENT OF DIGITAL MARKETING

USING PYTHON

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KAMALESH K

(Reg. no: 2013141058071)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **KAMALESH K (Register Number: 2013141058071) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON"**. I declare that this is my original work.



PLACE: Chennai

DATE: 17/03/2021

KAMALESH K

(Register Number: 2013141058071)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON"** is the bonafide work carried out by **KAMALESH K (Register Number: 2013141058071), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Guru Nanak College
Velachery, Chennai - 42

A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KEVIN JOSHUA E

(Reg. no: 2013141058072)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **KEVIN JOSHUA E (Register Number: 2013141058072) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON".** I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

KEVIN JOSHUA E

(Register Number: 2013141058072)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON"** is the bonafide work carried out by **KEVIN JOSHUA E (Register Number: 2013141058072), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R. Rajni Sivaprakash, M.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KISHORE G

(Reg. no: 2013141058073)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **KISHORE G (Register Number: 2013141058073) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON"**. I declare that this is my original work.

G. Kishore.

PLACE: Chennai

KISHORE G

DATE: 17/03/2021

(Register Number: 2013141058073)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON"** is the bonafide work carried out by **KISHORE G (Register Number: 2013141058073), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURUNANAK COLLEGE AUTONOMOUS CHENNAI-42
B.Sc. Computer Science

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Velachery, Chennai - 42.

A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON

Submitted to

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VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KRITHIGA R

(Reg. no: 2013141058074)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **KRITHIGA R (Register Number: 2013141058074) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

KRITHIGA R

(Register Number: 2013141058074)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON"** is the bonafide work carried out by **KRITHIGA R (Register Number: 2013141058074), I year B.Sc Computer Science - B** Under my guidance and supervision .

K. Gopi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajni Surendranath, M.A., M.Phil., Ph.D
Associate Professor & Head
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Velachery, Chennai - 42

A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON

Submitted to

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VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

LOGESH V

(Reg. no: 2013141058075)

Under the Guidance of

Ms. K. Gowri

MARCH 2021

DECLARATION

I, **LOGESH V (Register Number: 2013141058075) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON"**. I declare that this is my original work.

V. Logesh

PLACE: Chennai

LOGESH V

DATE: 17/03/2021

(Register Number: 2013141058075)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF DIGITAL MARKETING USING PYTHON"** is the bonafide work carried out by **LOGESH V (Register Number: 2013141058075), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Sc., M.Phil., Ph.D
Associate Professor & Head
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Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON OTT ORGANISATION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

LOGESHWARAN R

(Reg. no: 2013141058076)

Under the Guidance of

Ms. P. Malathi

MARCH 2021

DECLARATION

I, **LOGESHWARAN R (Register Number: 2013141058076) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON OTT ORGANISATION"**. I declare that this is my original work.



PLACE: Chennai

DATE: 17/03/2021

LOGESHWARAN R

(Register Number: 2013141058076)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON OTT ORGANISATION"** is the bonafide work carried out by **LOGESHWARAN R (Register Number: 20131410580076), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajni Somasundaram, MCA, M.Phil., Ph.D
Associate Professor & Head
P.G. & U.G. Computer Science
Ganga Naicker College
Velachery, Chennai - 42

A STUDY ON OTT ORGANISATION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

LOKESH G

(Reg. no: 2013141058077)

Under the Guidance of

Ms. P. Malathi

MARCH 2021

DECLARATION

I, **LOKESH G (Register Number: 2013141058077) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON OTT ORGANISATION"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

G.Lok

LOKESH G

(Register Number: 2013141058077)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON OTT ORGANISATION"** is the bonafide work carried out by **LOKESH G (Register Number: 20131410558077), I year B.Sc Computer Science - B** Under my guidance and supervision .

P.Halab.

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajni Sundaram M.Sc., M.Phil., Ph.D
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A STUDY ON OTT ORGANISATION

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MANI J

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Ms. P. Malathi

MARCH 2021

DECLARATION

I, **MANI J (Register Number: 2013141058078) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON OTT ORGANISATION"**. I declare that this is my original work.

J. Mani

PLACE: Chennai

DATE: 17/03/2021

MANI J

(Register Number: 2013141058078)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON OTT ORGANISATION"** is the bonafide work carried out by **MANI J (Register Number: 2013141058078), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.C.A, M.Phil, Ph.D
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A STUDY ON OTT ORGANISATION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MOHAN KUMAR R S

(Reg. no: 201314105806479)

Under the Guidance of

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MARCH 2021

DECLARATION

I, **MOHAN KUMAR R S (Register Number: 2013141055806479) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON OTT ORGANISATION"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

MOHAN KUMAR R S

(Register Number: 2013141055806479)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON OTT ORGANISATION"** is the bonafide work carried out by **MOHAN KUMAR R S (Register Number: 201314105806479), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON OTT ORGANISATION

Submitted to

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VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MOHANRAM S

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DECLARATION

I, **MOHANRAM S (Register Number: 2013141058080) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON OTT ORGANISATION"**. I declare that this is my original work.

S. Mohanram

MOHANRAM S

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DATE: 17/03/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON OTT ORGANISATION"** is the bonafide work carried out by **MOHANRAM S (Register Number: 20131410[illegible]), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON FUTURE OF SMARTPHONES

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MONTEEN RONALDO R

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MARCH 2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON FUTURE OF SMARTPHONES"** is the bonafide work carried out by **MONTEEN RONALDO R (Register Number: 2013141058081), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

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GURUNANAK COLLEGE AUTONOMOUS B.Sc. Computer Science CHENNAI-42

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A STUDY ON FUTURE OF SMARTPHONES

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MUKESH K

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DECLARATION

I, **MUKESH K (Register Number: 2013141058082) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON FUTURE OF SMARTPHONES"**. I declare that this is my original work.

PLACE: Chennai

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MUKESH K

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON FUTURE OF SMARTPHONES"** is the bonafide work carried out by **MUKESH K (Register Number: 2013141058082), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON FUTURE OF SMARTPHONES

Submitted to

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I, **NAVEEN V (Register Number: 2013141058083) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON FUTURE OF SMARTPHONES"**. I declare that this is my original work.

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NAVEEN V

DATE: 17/03/2021

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON FUTURE OF SMARTPHONES"** is the bonafide work carried out by **NAVEEN V (Register Number: 2013141058083), I year B.Sc Computer Science - B** Under my guidance and supervision .

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A STUDY ON FUTURE OF SMARTPHONES

Submitted to

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This is to certify that project Report entitled **"A STUDY ON FUTURE OF SMARTPHONES"** is the bonafide work carried out by **PAUL ALAN A (Register Number: 2013141058084), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

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This is to certify that project Report entitled **"A STUDY ON FUTURE OF SMARTPHONES"** is the bonafide work carried out by **PRADEEPKUMAR S (Register Number: 2013141058085), I year B.Sc Computer Science - B** Under my guidance and supervision .

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GURU NANAK COLLEGE AUTONOMOUS CHENNAI
B.Sc. Computer Science

A STUDY ON CYBER SECURITY AND IT'S AWARENESS

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

PRAKASH M

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DECLARATION

I, **PRAKASH M (Register Number: 2013141058086) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CYBER SECURITY AND IT'S AWARENESS"**. I declare that this is my original work.



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PRAKASH M

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This is to certify that project Report entitled **"A STUDY ON CYBER SECURITY AND IT'S AWARENESS"** is the bonafide work carried out by **PRAKASH M (Register Number: 2013141058086), I year B.Sc Computer Science - B** Under my guidance and supervision .

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DECLARATION

I, **PRAVIN RAJ R S (Register Number: 2013141058087) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CYBER SECURITY AND IT'S AWARENESS"**. I declare that this is my original work.

PLACE: Chennai

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PRAVIN RAJ R S

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This is to certify that project Report entitled **"A STUDY ON CYBER SECURITY AND IT'S AWARENESS"** is the bonafide work carried out by **PRAVIN RAJ R S (Register Number: 2013141058087), I year B.Sc Computer Science - B** Under my guidance and supervision .

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A STUDY ON CYBER SECURITY AND IT'S AWARENESS

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

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This is to certify that project Report entitled **"A STUDY ON CYBER SECURITY AND IT'S AWARENESS"** is the bonafide work carried out by **PREMKUMAR M (Register Number: 2013141058088), I year B.Sc Computer Science - B** Under my guidance and supervision .

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A STUDY ON CYBER SECURITY AND IT'S AWARENESS

Submitted to

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VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

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(Reg. no : 2013141058089)

Under the Guidance of

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MARCH 2021

DECLARATION

I, **RAGHUL R (Register Number: 2013141058089) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CYBER SECURITY AND IT'S AWARENESS"**. I declare that this is my original work.

R. Raghul

PLACE: Chennai

DATE: 17/03/2021

RAGHUL R

(Register Number: 2013141058089)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CYBER SECURITY AND IT'S AWARENESS"** is the bonafide work carried out by **RAGHUL R (Register Number: 2013141058089), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

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A STUDY ON CYBER SECURITY AND IT'S AWARENESS

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

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SACHINDRA P

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DECLARATION

I, **SACHINDRA P (Register Number: 2013141058090) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CYBER SECURITY AND IT'S AWARENESS"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

SACHINDRA P

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CYBER SECURITY AND IT'S AWARENESS"** is the bonafide work carried out by **SACHINDRA P (Register Number: 2013141058090), I year B.Sc Computer Science - B** Under my guidance and supervision .

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GURUNANAK COLLEGE AUTONOMOUS B.Sc. Computer Science CHENNAI-42

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A STUDY ON WATER RESOUCES USING MACHINE LEARNING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SHEIK USMAN GANI S

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Under the Guidance of

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MARCH 2021

DECLARATION

I, **SHEIK USMAN GANI S (Register Number: 2013141058091) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON WATER RESOUCES USING MACHINE LEARNING"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

SHEIK USMAN GANI S

(Register Number: 2013141058091)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON WATER RESOUCES USING MACHINE LEARNING"** is the bonafide work carried out by **SHEIK USMAN GANI S (Register Number: 2013141058091), I year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

GURUNANAK COLLEGE AUTONOMOUS CHENNAI
B.Sc. Computer Science

Dr. R.Rajini Surendranath, MCA, M Phil, Ph.D
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A STUDY ON WATER RESOUCES USING MACHINE LEARNING

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

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DECLARATION

I, **SHIJITH P (Register Number: 2013141058092) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON WATER RESOUCES USING MACHINE LEARNING"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

SHIJITH P

(Register Number: 2013141058092)

A STUDY ON WATER RESOUCES USING MACHINE LEARNING

Submitted to

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Submitted by

SIVAKUMAR B

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MARCH 2021

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This is to certify that project Report entitled **"A STUDY ON WATER RESOUCES USING MACHINE LEARNING"** is the bonafide work carried out by **SIVAKUMAR B (Register Number: 2013141058093), I year B.Sc Computer Science - B** Under my guidance and supervision .

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GURUNANAK COLLEGE AUTONOMOUS B.Sc. Computer Science

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A STUDY ON WATER RESOUCES USING MACHINE LEARNING

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

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PLACE: Chennai

DATE: 17/03/2021

SRI SHAKTHI S

(Register Number: 2013141058094)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON WATER RESOUCES USING MACHINE LEARNING"** is the bonafide work carried out by **SRI SHAKTHI S (Register Number: 2013141058094), I year B.Sc Computer Science - B** Under my guidance and supervision .

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Signature of Head of the Department

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DECLARATION

I, **SRI VATSSAN M (Register Number: 2013141058095) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON WATER RESOUCES USING MACHINE LEARNING"**. I declare that this is my original work.

Srivatssan

PLACE: Chennai

SRI VATSSAN M

DATE: 17/03/2021

(Register Number: 2013141058095)

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This is to certify that project Report entitled **"A STUDY ON WATER RESOUCES USING MACHINE LEARNING"** is the bonafide work carried out by **SRI VATSSAN M (Register Number: 2013141058095), I year B.Sc Computer Science - B** Under my guidance and supervision .

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GURUNANAK COLLEGE AUTONOMOUS B.Sc. Computer Science CHENNAI-42

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DECLARATION

I, **SUBASH S (Register Number: 2013141058096) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CRICKET ALERTS USING PYTHON"**. I declare that this is my original work.

S. Subash

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This is to certify that project Report entitled **"A STUDY ON CRICKET ALERTS USING PYTHON"** is the bonafide work carried out by **SUBASH S (Register Number: 2013141058096), I year B.Sc Computer Science - B** Under my guidance and supervision .

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Signature of Head of the Department

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A STUDY ON CRICKET ALERTS USING PYTHON

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DEPARTMENT OF COMPUTER SCIENCE

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VIGNESH S

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DECLARATION

I, **VIGNESH S (Register Number: 2013141058098) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CRICKET ALERTS USING PYTHON"**. I declare that this is my original work.



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This is to certify that project Report entitled **"A STUDY ON CRICKET ALERTS USING PYTHON"** is the bonafide work carried out by **VIGNESH S (Register Number: 2013141058098), I year B.Sc Computer Science - B** Under my guidance and supervision .

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A STUDY ON CRICKET ALERTS USING PYTHON

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This is to certify that project Report entitled **"A STUDY ON CRICKET ALERTS USING PYTHON"** is the bonafide work carried out by **VISUWESWAR R (Register Number: 2013141058099), I year B.Sc Computer Science - B** Under my guidance and supervision .

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A STUDY ON CRICKET ALERTS USING PYTHON

Submitted to

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YUVARAJ A

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MARCH 2021

DECLARATION

I, **YUVARAJ A (Register Number: 2013141058100) I year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CRICKET ALERTS USING PYTHON"**. I declare that this is my original work.

A. Yuvaraj

YUVARAJ A

(Register Number: 2013141058100)

PLACE: Chennai

DATE: 17/03/2021

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DECLARATION

I, **AADHITHYA S (Register Number: 2013141058101) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON TECHNOLOGY DEVELOPMENT USING DATA MINING"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

AADHITHYA S

(Register Number: 2013141058101)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON TECHNOLOGY DEVELOPMENT USING DATA MINING "** is the bonafide work carried out by **AADHITHYA S (Register Number: 2013141058101), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

GURUNANAK COLLEGE B.Sc. Computer Science

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A STUDY ON TECHNOLOGY DEVELOPMENT USING DATA MINING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AMALDEEPSINGH U

(Reg. No : 2013141058102)

Under the Guidance of

Ms. H. Sujatha

MARCH 2021

Scanned with CamScanner

DECLARATION

I, **AMALDEEPSINGH U (Register Number: 2013141058102) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON TECHNOLOGY DEVELOPMENT USING DATA MINING"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

AMALDEEPSINGH U

(Register Number: 2013141058102)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON TECHNOLOGY DEVELOPMENT USING DATA MINING "** is the bonafide work carried out by **AMALDEEPSINGH U (Register Number: 2013141058102), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R. Rajkumar Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

GURUNANAK COLLEGE B.Sc. Computer Science CHENNAI

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A STUDY ON TECHNOLOGY DEVELOPMENT

USING DATA MINING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ANANDASOK A

(Reg. No : 2013141058103)

Under the Guidance of

Ms. H. Sujatha

MARCH 2021

Scanned with CamScanner

DECLARATION

I, ANANDASOK A (Register Number: 2013141058103) I year B.Sc Computer Science - C Student of Guru Nanak College (Autonomous), has done a project report on the title "A STUDY ON TECHNOLOGY DEVELOPMENT USING DATA MINING". I declare that this is my original work.

A. Anandasok

ANANDASOK A

(Register Number: 2013141058103)

PLACE: Chennai

DATE: 17/03/2021

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON TECHNOLOGY DEVELOPMENT USING DATA MINING "** is the bonafide work carried out by **ANANDASOK A (Register Number: 2013141058103), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R. Rajni Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

GURUNANAK COLL... B.Sc. Computer Sci...

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A STUDY ON TECHNOLOGY DEVELOPMENT

USING DATA MINING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ARAVINDHA SWAMY S

(Reg. No : 2013141058104)

Under the Guidance of

Ms. H. Sujatha

MARCH 2021

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DECLARATION

I, **ARAVINDHA SWAMY S (Register Number: 2013141058104) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON TECHNOLOGY DEVELOPMENT USING DATA MINING"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

ARAVINDHA SWAMY S

(Register Number: 2013141058104)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON TECHNOLOGY DEVELOPMENT USING DATA MINING "** is the bonafide work carried out by **ARAVINDHA SWAMY S (Register Number: 2013141058104), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R. Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Velachery, Chennai - 42.

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A STUDY ON TECHNOLOGY DEVELOPMENT

USING DATA MINING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AROCKIA JOSHUA C

(Reg. No : 2013141058105)

Under the Guidance of

Ms. H. Sujatha

MARCH 2021

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF INTERNET BANKING USING DATA MINING "** is the bonafide work carried out by **BALAMURUGAN A (Register Number: 2013141058106), I year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R. Rajesh Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

GURUNANAK COLLEGE (AUTONOMOUS) B.Sc. Computer Science

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DECLARATION

I, **BHARATH R P (Register Number: 2013141058107) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF INTERNET BANKING USING DATA MINING"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

BHARATH R P

(Register Number: 2013141058107)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF INTERNET BANKING USING DATA MINING "** is the bonafide work carried out by **BHARATH R P (Register Number: 2013141058107), I year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R. Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
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Velachery, Chennai - 42.

GURUNANAK COLLEGE B.Sc. Computer Science

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A STUDY ON DEVELOPMENT OF INTERNET BANKING

USING DATA MINING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

BHARATH RAJ M

(Reg. No : 2013141058108)

Under the Guidance of

Ms. II. Sujatha

MARCH 2021

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DECLARATION

I, **BHARATH RAJ M (Register Number: 2013141058108) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF INTERNET BANKING USING DATA MINING"**. I declare that this is my original work.

M Bharath Raj

PLACE: Chennai

BHARATH RAJ M

DATE: 17/03/2021

(Register Number: 2013141058108)

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A STUDY ON DEVELOPMENT OF INTERNET BANKING USING DATA MINING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DHANASEKAR S

(Reg. No : 2013141058109)

Under the Guidance of

Ms. H. Sujatha

MARCH 2021

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DECLARATION

I, **DHANASEKAR S (Register Number: 2013141058109) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF INTERNET BANKING USING DATA MINING"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

DHANASEKAR S

(Register Number: 2013141058109)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF INTERNET BANKING USING DATA MINING "** is the bonafide work carried out by **DHANASEKAR S (Register Number: 2013141058109), I year B.Sc Computer Science -C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Velachery, Chennai - 42.

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A STUDY ON DEVELOPMENT OF INTERNET BANKING

USING DATA MINING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DHILIP R

(Reg. No : 2013141058110)

Under the Guidance of

Ms. H. Sujatha

MARCH 2021

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DECLARATION

I, **DHILIP R (Register Number: 2013141058110) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF INTERNET BANKING USING DATA MINING"**. I declare that this is my original work.

R. Dhilip

PLACE: Chennai

DATE: 17/03/2021

DHILIP R

(Register Number: 2013141058110)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF INTERNET BANKING USING DATA MINING "** is the bonafide work carried out by **DHILIP R (Register Number: 2013141058110), I year B.Sc Computer Science -C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M Phil, Ph.D
Associate Professor & Head
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Guru Nanak College
Velachery, Chennai - 42.

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A STUDY ON INTERNET USAGE

USING PYTHON

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DINESH P

(Reg. No : 2013141058111)

Under the Guidance of

Ms. G. Preetha

MARCH 2021

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DECLARATION

I, **DINESH P (Register Number: 2013141058111) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON INTERNET USAGE USING PYTHON"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

DINESH P

(Register Number: 2013141058111)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **" A STUDY ON INTERNET USAGE USING PYTHON"** is the bonafide work carried out by **DINESH P (Register Number: 2013141058111), I year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Guru Nanak College
Velachery, Chennai - 42.

GURUNANAK COLLEGE B.Sc. Computer Science

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A STUDY ON INTERNET USAGE

USING PYTHON

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

GOPINATH K

(Reg. No : 2013141058112)

Under the Guidance of

Ms. G. Preetha

MARCH 2021

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DECLARATION

I, GOPINATH K (Register Number: 2013141058112) I year B.Sc. Computer Science - C Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON INTERNET USAGE USING PYTHON"**. I declare that this is my original work.

K. Gopinath

PLACE: Chennai

DATE: 17/03/2021

GOPINATH K

(Register Number: 2013141058112)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **" A STUDY ON INTERNET USAGE USING PYTHON"** is the bonafide work carried out by **GOPINATH K (Register Number: 2013141058112), I year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R. Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

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A STUDY ON INTERNET USAGE

USING PYTHON

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

GUGAN E

(Reg. No : 2013141058113)

Under the Guidance of

Ms. G. Preetha

MARCH 2021

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DECLARATION

I, **GUGAN E (Register Number: 2013141058113) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON INTERNET USAGE USING PYTHON"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

E. Gugan

GUGAN E

(Register Number: 2013141058113)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **" A STUDY ON INTERNET USAGE USING PYTHON"** is the bonafide work carried out by **GUGAN E (Register Number: 2013141058113), I year B.Sc Computer Science - C** Under my guidance and supervision .

Preethi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

GURUNANAK COL
B.Sc.
Computer
Science

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A STUDY ON INTERNET USAGE

USING PYTHON

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

HARIHARASUDHAN S

(Reg. No : 2013141058114)

Under the Guidance of

Ms. G. Preetha

MARCH 2021

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DECLARATION

I, **HARIHARASUDHAN S (Register Number: 2013141058114) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON INTERNET USAGE USING PYTHON"**. I declare that this is my original work.

S. Hariharasudhan

PLACE: Chennai

DATE: 17/03/2021

HARIHARASUDHAN S

(Register Number: 2013141058114)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **" A STUDY ON INTERNET USAGE USING PYTHON"** is the bonafide work carried out by **HARIHARASUDHAN S (Register Number: 2013141058114), I year B.Sc Computer Science - C** Under my guidance and supervision .

Preethi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

B.Sc. Computer Science

Scanned with CamScanner

A STUDY ON INTERNET USAGE

USING PYTHON

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

JAGADEESHWARAN R

(Reg. No : 2013141058115)

Under the Guidance of

Ms. G. Preetha

MARCH 2021

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DECLARATION

I, **JAGADEESHWARAN R (Register Number: 2013141058115) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON INTERNET USAGE USING PYTHON"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

JAGADEESHWARAN R

(Register Number: 2013141058115)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **" A STUDY ON INTERNET USAGE USING PYTHON"** is the bonafide work carried out by **JAGADEESHWARAN R (Register Number: 2013141058115), I year B.Sc Computer Science - C** Under my guidance and supervision .

Preetha

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

GURUNANAK COLLEGE B.Sc. Computer Science

Scanned with CamScanner

A STUDY ON CRIME MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

JAGAN E

(Reg. No : 2013141058116)

Under the Guidance of

Ms. G. Preetha

MARCH 2021

Scanned with CamScanner

DECLARATION

I, **JAGAN E (Register Number: 2013141058116) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CRIME MANAGEMENT SYSTEM"**. I declare that this is my original work.

E. Jagan.

PLACE: Chennai

JAGAN E

DATE: 17/03/2021

(Register Number: 2013141058116)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **" A STUDY ON CRIME MANAGEMENT SYSTEM "** is the bonafide work carried out by **JAGAN E (Register Number: 2013141058116), I year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

Scanned with CamScanner

A STUDY ON CRIME MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

JEEVANANDHAM P

(Reg. No : 2013141058117)

Under the Guidance of

Ms. G. Preetha

MARCH 2021

Scanned with CamScanner

DECLARATION

I, **JEEVANANDHAM P (Register Number: 2013141058117) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CRIME MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

JEEVANDHAM P

(Register Number: 2013141058117)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **" A STUDY ON CRIME MANAGEMENT SYSTEM "** is the bonafide work carried out by **JEEVANANDHAM P (Register Number: 20131410581l7), I year B.Sc Computer Science - C** Under my guidance and supervision .

Preethi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

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A STUDY ON CRIME MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KANAGAVEL D

(Reg. No : 2013141058118)

Under the Guidance of

Ms. G. Preetha

MARCH 2021

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DECLARATION

I, KANAGAVEL D (Register Number: 2013141058118) I year B.Sc. Computer Science - C Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CRIME MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

KANAGAVEL D

(Register Number: 2013141058118)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CRIME MANAGEMENT SYSTEM "** is the bonafide work carried out by **KANAGAVEL D (Register Number: 2013141058118), I year B.Sc Computer Science - C** Under my guidance and supervision .

Preetha

Signature of Project Guide

Signature of Head of the Department

B.Sc. Computer Science

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc Computer Science
Guru Nanak College
Velachery, Chennai - 42

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A STUDY ON CRIME MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KARTHIKEYAN D

(Reg. No : 2013141058119)

Under the Guidance of

Ms. G. Preetha

MARCH 2021

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DECLARATION

I, **KARTHIKEYAN D (Register Number: 2013141058119) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CRIME MANAGEMENT SYSTEM"**. I declare that this is my original work.

D. Karthikeyan

PLACE: Chennai

DATE: 17/03/2021

KARTHIKEYAN D

(Register Number: 2013141058119)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **" A STUDY ON CRIME MAGEMENT SYSTEM "** is the bonafide work carried out by **KARTHIKEYAN D (Register Number: 2013141058119), I year B.Sc Computer Science - C** Under my guidance and supervision .

Praetor

Signature of Project Guide

Signature of Head of the Department

B.Sc. Computer Science

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

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A STUDY ON CRIME MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KARTHIKEYAN M

(Reg. No : 2013141058120)

Under the Guidance of

Ms. G. Preetha

MARCH 2021

Scanned with CamScanner

DECLARATION

I, **KARTHIKEYAN M (Register Number: 2013141058120) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CRIME MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

KARTHIKEYAN M

(Register Number: 2013141058120)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled " **A STUDY ON CRIME MANAGEMENT SYSTEM** " is the bonafide work carried out by **KARTHIKEYAN M (Register Number:2013141058120), I year B.Sc Computer Science - C** Under my guidance and supervision .

Preetha

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

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A STUDY ON MACHINE LEARNING FEATURES

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KISHAN J A

(Reg. No : 2013141058121)

Under the Guidance of

Ms. R. Ramya

MARCH 2021

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DECLARATION

I, **KISHAN J A (Register Number: 2013141058121) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON MACHINE LEARNING FEATURES "**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

Kishan

KISHAN J A

(Register Number: 2013141058121)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **" A STUDY ON MACHINE LEARNING FEATURES"** is the bonafide work carried out by **KISHAN J A (Register Number: 2013141058121), I year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

Scanned with CamScanner

A STUDY ON MACHINE LEARNING FEATURES

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KISHORE KUMAR P

(Reg. No : 2013141058122)

Under the Guidance of

Ms. R. Ramya

MARCH 2021

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DECLARATION

I, **KISHORE KUMAR P (Register Number: 2013141058122) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON MACHINE LEARNING FEATURES "**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

KISHORE KUMAR P

(Register Number: 2013141058122)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **" A STUDY ON MACHINE LEARNING FEATURES "** is the bonafide work carried out by **KISHORE KUMAR P (Register Number: 2013141058122), I year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA. M.Phil. Ph.D
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A STUDY ON MACHINE LEARNING FEATURES

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KUMANESH P

(Reg. No : 2013141058123)

Under the Guidance of

Ms. R. Ramya

MARCH 2021

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A STUDY ON MACHINE LEARNING FEATURES

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MOHAMMED SYED SAHITH A

(Reg. No : 2013141058124)

Under the Guidance of

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MARCH 2021

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DECLARATION

I, **MOHAMMED SYED SAHITH A (Register Number: 2013141058124) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON MACHINE LEARNING FEATURES "**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

MOHAMMED SYED SAHITH A

(Register Number: 2013141058124)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **" A STUDY ON MACHINE LEARNING FEATURES "** is the bonafide work carried out by **MOHAMMED SYED SAHITH A (Register Number: 2013141058124), I year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Phil, Ph.D
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A STUDY ON MACHINE LEARNING FEATURES

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MOHAMMED ZUBER K

(Reg. No : 2013141058125)

Under the Guidance of

Ms. R. Ramya

MARCH 2021

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DECLARATION

I, **MOHAMMED ZUBER K (Register Number: 2013141058125) I year B.Sc. Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON MACHINE LEARNING FEATURES "**. I declare that this is my original work.



PLACE: Chennai

DATE: 17/03/2021

MOHAMMED ZUBER K

(Register Number: 2013141058125)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **" A STUDY ON MACHINE LEARNING FEATURES "** is the bonafide work carried out by **MOHAMMED ZUBER K (Register Number: 2013141058125), I year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
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Velachery, Chennai - 42

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A STUDY ON DEVELOPMENT OF ARTIFICIAL INTELLIGENCE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MUGUNDHAN V

(Reg. No : 2013141058126)

Under the Guidance of

Ms. R. Ramya

MARCH 2021

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DECLARATION

I, **MUGUNDHAN V (Register Number: 2013141058126) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF ARTIFICIAL INTELLIGENCE"**. I declare that this is my original work.

V. Mugundhan

MUGUNDHAN V

PLACE: Chennai

DATE: 17/03/2021

(Register Number: 2013141058126)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF ARTIFICIAL INTELLIGENCE "** is the bonafide work carried out by **MUGUNDHAN V (Register Number: 2013141058126), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON DEVELOPMENT OF ARTIFICIAL INTELLIGENCE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

NARESHKUMAR P

(Reg. No : 2013141058127)

Under the Guidance of

Ms. R. Ramya

MARCH 2021

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DECLARATION

I, **NARESH KUMAR P (Register Number: 2013141058127) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF ARTIFICIAL INTELLIGENCE"**. I declare that this is my original work.

P.Naresh

PLACE: Chennai

NARESHKUMAR P

DATE: 17/03/2021

(Register Number: 2013141058127)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF ARTIFICIAL INTELLIGENCE "** is the bonafide work carried out by **NARESHKUMAR P (Register Number: 2013141058127), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF ARTIFICIAL INTELLIGENCE"** is the bonafide work carried out by **NAVEEN PRAKASH M (Register Number: 2013141058128), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON DEVELOPMENT OF ARTIFICIAL INTELLIGENCE

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

NAVEEN VASANTH A

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Under the Guidance of

Ms. R. Ramya

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DECLARATION

I, **NAVEEN VASANTH A (RegisterNumber:2013141058129) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF ARTIFICIAL INTELLIGENCE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

A. Naveen Vasanth

NAVEEN VASANTH A

(Register Number: 2013141058129)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF ARTIFICIAL INTELLIGENCE"** is the bonafide work carried out by **NAVEEN VASANTH A (Register Number: 2013141058129), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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A STUDY ON DEVELOPMENT OF ARTIFICIAL INTELLIGENCE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

NAVIN JONES C

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DECLARATION

I, NAVIN JONES C (Register Number: 2013141058130) I year B.Sc Computer Science - C Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DEVELOPMENT OF ARTIFICIAL INTELLIGENCE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

NAVIN JONES C

(Register Number: 2013141058130)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DEVELOPMENT OF ARTIFICIAL INTELLIGENCE "** is the bonafide work carried out by **NAVIN JONES C (Register Number: 2013141058130), I year B.Sc Computer Science – C** Under my guidance and supervision .

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Signature of Head of the Department

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A STUDY ON GROWTH OF IT INDUSTRY

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

PONNUSAMY T

(Reg. No : 2013141058131)

Under the Guidance of

Ms. G. Vijayalakshmi Balaji

MARCH 2021

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DECLARATION

I, **PONNUSAMY T (Register Number: 2013141058131) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON GROWTH OF IT INDUSTRY "**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

PONNUSAMY T

(Register Number: 2013141058131)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON GROWTH OF IT INDUSTRY "** is the bonafide work carried out by **PONNUSAMY T (Register Number: 2013141058131), I year B.Sc Computer Science – C** Under my guidance and supervision .

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Signature of Head of the Department

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A STUDY ON GROWTH OF IT INDUSTRY

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

PREM KUMAR G

(Reg. No : 2013141058132)

Under the Guidance of

Ms. G. Vijayalakshmi Balaji

MARCH 2021

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DECLARATION

I, **PREM KUMAR G (Register Number: 2013141058132) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON GROWTH OF IT INDUSTRY"**. I declare that this is my original work.

G. Prem Kumar

PLACE: Chennai

PREM KUMAR G

DATE: 17/03/2021

(Register Number: 2013141058132)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON GROWTH OF IT INDUSTRY "** is the bonafide work carried out by **PREM KUMAR G (Register Number: 2013141058132), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
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A STUDY ON GROWTH OF IT INDUSTRY

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

RAM PRASATH P R

(Reg. No : 2013141058133)

Under the Guidance of

Ms. G. Vijayalakshmi Balaji

MARCH 2021

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DECLARATION

I,RAM PRASATH P R(RegisterNumber:2013141058133) I year B.Sc Computer Science - C Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON GROWTH OF IT INDUSTRY "**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

RAM PRASATH P R

(Register Number: 2013141058133)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON GROWTH OF IT INDUSTRY "** is the bonafide work carried out by **RAM PRASATH P R (Register Number: 2013141058133), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.C.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velach...

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A STUDY ON GROWTH OF IT INDUSTRY

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SAJITH KUMAR C

(Reg. No : 2013141058134)

Under the Guidance of

Ms. G. Vijayalakshmi Balaji

MARCH 2021

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DECLARATION

I, **SAJITH KUMAR C (Register Number: 2013141058134) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON GROWTH OF IT INDUSTRY "**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

SAJITH KUMAR C

(Register Number: 2013141058134)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON GROWTH OF IT INDUSTRY "** is the bonafide work carried out by **SAJITH KUMAR C (Register Number: 2013141058134), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Velachery, Chennai - 42

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A STUDY ON GROWTH OF IT INDUSTRY

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SAMGODWIN X J

(Reg. No : 2013141058135)

Under the Guidance of

Ms. G. Vijayalakshmi Balaji

MARCH 2021

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DECLARATION

I, **SAM GODWIN X J (Register Number: 2013141058135) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON GROWTH OF IT INDUSTRY "**. I declare that this is my original work.



PLACE: Chennai

DATE: 17/03/2021

SAMGODWIN X J

(Register Number: 2013141058135)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON GROWTH OF IT INDUSTRY "** is the bonafide work carried out by **SAMGODWIN X J (Register Number: 2013141058135), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R. Rajini Surendranath, M.Phil, Ph.D
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Velachery, Chennai - 42.

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DECLARATION

I, **SANKARA SUBRAMANIAN S (Register Number: 2013141058136) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON MOBILE APPS USING DATA MINING"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

SANKARA SUBRAMANIAN S

(Register Number: 2013141058136)

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DECLARATION

I, **SANTHOSH K (Register Number: 2013141058137) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON MOBILE APPS USING DATA MINING"**. I declare that this is my original work.

K. Santhosh

PLACE: Chennai

SANTHOSH K

DATE: 17/03/2021

(Register Number: 2013141058137)

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This is to certify that project Report entitled **"A STUDY ON MOBILE APPS USING DATA MINING"** is the bonafide work carried out by **SANTHOSH K (Register Number: 2013141058137), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

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A STUDY ON MOBILE APPS

USING DATA MINING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SANTHOSH S

(Reg. No : 2013141058138)

Under the Guidance of

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DECLARATION

I, **SANTHOSH S (Register Number: 2013141058138) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON MOBILE APPS USING DATA MINING"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

SANTHOSH S

(Register Number: 2013141058138)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON MOBILE APPS USING DATA MINING"** is the bonafide work carried out by **SANTHOSH S (Register Number: 2013141058138), I year B.Sc Computer Science – C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

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DECLARATION

I, **SIVAKUMAR M (Register Number: 2013141058139) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON MOBILE APPS USING DATA MINING"**. I declare that this is my original work.

Sivakumar M

PLACE: Chennai

SIVAKUMAR M

DATE: 17/03/2021

(Register Number: 2013141058139)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON MOBILE APPS USING DATA MINING"** is the bonafide work carried out by **SIVAKUMAR M (Register Number: 2013141058139), I year B.Sc Computer Science = C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
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A STUDY ON MOBILE APPS

USING DATA MINING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SIVARAJ P

(Reg. No : 2013141058140)

Under the Guidance of

Ms. G. Vijayalakshmi Balaji

MARCH 2021

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DECLARATION

I, **SIVARAJ P (Register Number: 2013141058140) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON MOBILE APPS USING DATA MINING"**. I declare that this is my original work.

P. Sivaraj

PLACE: Chennai

SIVARAJ P

DATE: 17/03/2021

(Register Number: 2013141058140)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON MOBILE APPS USING DATA MINING"** is the bonafide work carried out by **SIVARAJ P (Register Number: 2013141058140), I year B.Sc Computer Science – C** Under my guidance and supervision .

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Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
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A STUDY ON CUSTOMER SATISFACTION SURVEY

USING PYTHON

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SRIHARI M

(Reg. No : 2013141058141)

Under the Guidance of

Ms. S. Jeyalakshmi

MARCH 2021

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DECLARATION

I, **SRIHARI M (Register Number: 2013141058141) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CUSTOMER SATISFACTION SURVEY USING PYTHON"**. I declare that this is my original work.

Srihari.M

PLACE: Chennai

DATE: 17/03/2021

SRIHARI M

(Register Number: 2013141058141)

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S. Jeyalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
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A STUDY ON CUSTOMER SATISFACTION SURVEY

USING PYTHON

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SRIMEN S

(Reg. No : 2013141058142)

Under the Guidance of

Ms. S. Jeyalakshmi

MARCH 2021

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DECLARATION

I, **SRIMEN S (Register Number: 2013141058142) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CUSTOMER SATISFACTION SURVEY USING PYTHON"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

SRIMEN S

(Register Number: 2013141058142)

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BONAFIDE CERTIFICATE

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S. Jeyalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
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DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SRINIVASAN K

(Reg. No : 2013141058143)

Under the Guidance of

Ms. S. Jeyalakshmi

MARCH 2021

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DECLARATION

I, **SRINIVASAN K (Register Number: 2013141058143) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CUSTOMER SATISFACTION SURVEY USING PYTHON"**. I declare that this is my original work.



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(Register Number: 2013141058143)

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S. Jeyalakshmi

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Dr. R. Rajini Surendranath, M.C.A., M.Phil., Ph.D
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GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SUGURAM K

(Reg. No : 2013141058144)

Under the Guidance of

Ms. S. Jeyalakshmi

MARCH 2021

Scanned with CamScanner

DECLARATION

I, **SUGURAM K (Register Number: 2013141058144) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CUSTOMER SATISFACTION SURVEY USING PYTHON"**. I declare that this is my original work.

Suguram

PLACE: Chennai

DATE: 17/03/2021

SUGURAM K

(Register Number: 2013141058144)

Scanned with CamScanner

Scanned with CamScanner

A STUDY ON CUSTOMER SATISFACTION SURVEY

USING PYTHON

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SURESH BABU E

(Reg. No : 2013141058145)

Under the Guidance of

Ms. S. Jeyalakshmi

MARCH 2021

Scanned with CamScanner

DECLARATION

I, **SURESH BABU E (Register Number: 2013141058145) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CUSTOMER SATISFACTION SURVEY USING PYTHON"**. I declare that this is my original work.

E. Suresh babu

PLACE: Chennai

DATE: 17/03/2021

SURESH BABU E

(Register Number: 2013141058145)

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Scanned with CamScanner

A STUDY ON COVID-19 DATA APP USING JAVA

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

THARUN B

(Reg. No : 2013141058146)

Under the Guidance of

Ms. S. Jeyalakshmi

MARCH 2021

Scanned with CamScanner

DECLARATION

I, **THARUN B (Register Number: 2013141058146) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON COVID-19 DATA APP USING JAVA"**. I declare that this is my original work.



PLACE: Chennai

DATE: 17/03/2021

THARUN B

(Register Number: 2013141058146)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON COVID-19 DATA APP USING JAVA"** is the bonafide work carried out By **THARUN B (Register Number: 2013141058146), I year B.Sc Computer Science – C** Under my guidance and supervision.

S. Jeyalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

Scanned with CamScanner

A STUDY ON COVID-19 DATA APP USING JAVA

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

THARUN V

(Reg. No : 2013141058147)

Under the Guidance of

Ms. S. Jeyalakshmi

MARCH 2021

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DECLARATION

I, **THARUN V (Register Number: 2013141058147) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON COVID-19 DATA APP USING JAVA"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

THARUN V

(Register Number: 2013141058147)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON COVID-19 DATA APP USING JAVA"** is the bonafide work carried out by **THARUN V (Register Number: 2013141058147), I year B.Sc Computer Science – C** Under my guidance and supervision.

S. Jayalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

Scanned with CamScanner

A STUDY ON COVID-19 DATA APP USING JAVA

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VASANTHA KUMAR B

(Reg. No : 2013141058148)

Under the Guidance of

Ms. S. Jeyalakshmi

MARCH 2021

Scanned with CamScanner

DECLARATION

I, **VASANTHA KUMAR B (Register Number: 2013141058148) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON COVID-19 DATA APP USING JAVA"**. I declare that this is my original work.

PLACE: Chennai

DATE: 17/03/2021

VASANTHA KUMAR B

(Register Number: 2013141058148)

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON COVID-19 DATA APP USING JAVA"** is the bonafide work carried out by **VASANTHA KUMAR B (Register Number: 2013141058148), I year B.Sc Computer Science – C** Under my guidance and supervision .

S. Jayalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Velachery, Chennai - 42

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A STUDY ON COVID-19 DATA APP USING JAVA

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VIGNESH J

(Reg. No : 2013141058149)

Under the Guidance of

Ms. S. Jeyalakshmi

MARCH 2021

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DECLARATION

I, **VIGNESH J (Register Number: 2013141058149) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON COVID-19 DATA APP USING JAVA"**. I declare that this is my original work.

J. Vignesh

VIGNESH J

(Register Number: 2013141058149)

PLACE: Chennai

DATE: 17/03/2021

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON COVID-19 DATA APP USING JAVA"** is the bonafide work carried out by **VIGNESH J (Register Number: 2013141058149), I year B.Sc Computer Science – C** Under my guidance and supervision .

S. Jeyalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

Scanned with CamScanner

A STUDY ON COVID-19 DATA APP USING JAVA

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VISHAL B

(Reg. No : 2013141058150)

Under the Guidance of

Ms. S. Jeyalakshmi

MARCH 2021

Scanned with CamScanner

DECLARATION

I, **VISHAL B (Register Number: 2013141058150) I year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON COVID-19 DATA APP USING JAVA"**. I declare that this is my original work.

Vishal.B

PLACE: Chennai

VISHAL B

DATE: 17/03/2021

(Register Number: 2013141058150)

Scanned with CamScanner

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON COVID- 19 DATA APP USING JAVA"** is the bonafide work carried out by **VISHAL B (Register Number: 2013141058150), I year B.Sc Computer Science – C** Under my guidance and supervision.

S. Jeyalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

Scanned with CamScanner

A STUDY ON ONLINE FILES UPLOADER

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ADHEEK AHMED M

(Reg. no : 1813141058001)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **ADHEEK AHMED M (Register Number: 1813141058001) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE FILES UPLOADER"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

ADHEEK AHMED M

(Register Number: 1813141058001)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE FILES UPLOADER "** is the bonafide work carried out by **ADHEEK AHMED M (Register Number: 1813141058001), III year B.Sc Computer Science - A** Under my guidance and supervision .

Pneelton

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON FOOD COURT AND CANTEEN CASHLESS MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AJAY S

(Reg. no : 1813141058002)

Under the Guidance of

S. Jeyalakshmi

APRIL 2021

DECLARATION

I, **AJAY S (Register Number: 1813141058002) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON FOOD COURT AND CANTEEN CASHLESS MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

AJAY S

(Register Number: 1813141058002)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON FOOD COURT AND CANTEEN CASHLESS MANAGEMENT SYSTEM "** is the bonafide work carried out by **AJAY S (Register Number: 1813141058002), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON ONLINE SHOPPING CUSTOMISABLE OPTIONS FOR HANDCRAFTS

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AJAYLIN MAHIBA A J

(Reg. no : 1813141058003)

Under the Guidance of

Dr. R. Rajini Surendranath

APRIL 2021

DECLARATION

I, **AJAYLIN MAHIBA A J (Register Number: 1813141058003) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE SHOPPING CUSTOMISABLE OPTIONS FOR HANDCRAFTS"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

AJAYLIN MAHIBA A J

(Register Number: 1813141058003)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE SHOPPING CUSTOMISABLE OPTIONS FOR HANDCRAFTS "** is the bonafide work carried out by **AJAYLIN MAHIBA A J (Register Number: 1813141058003), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R. Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON SMART AGRICULTURE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AJITHKUMAR S

(Reg. no : 1813141058004)

Under the Guidance of

Dr. R. Rajini Surendranath

APRIL 2021

DECLARATION

I, **AJITHKUMAR S (Register Number: 1813141058004) III year B.Sc Computer Science** - A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON SMART AGRICULTURE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

AJITHKUMAR S

(Register Number: 1813141058004)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON SMART AGRICULTURE "** is the bonafide work carried out by **AJITHKUMAR S (Register Number: 1813141058004), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
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Velachery, Chennai - 42

A STUDY ON ONLINE FOOD ORDERING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AVINASH B

(Reg. no : 1813141058006)

Under the Guidance of

Dr. R. Rajini Surendranath

APRIL 2021

DECLARATION

I, **AVINASH B (Register Number: 1813141058006) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE FOOD ORDERING"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

AVINASH B

(Register Number: 1813141058006)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE FOOD ORDERING "** is the bonafide work carried out by **AVINASH B (Register Number: 1813141058006), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON DAILY EXPENSES TRACKER SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

BRAGADEESWARAN K

(Reg. no : 1813141058007)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **BRAGADEESWARAN K (Register Number: 1813141058007) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DAILY EXPENSES TRACKER SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

BRAGADEESWARAN K

(Register Number: 1813141058007)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DAILY EXPENSES TRACKER SYSTEM "** is the bonafide work carried out by **BRAGADEESWARAN K (Register Number: 1813141058007), III year B.Sc Computer Science - A** Under my guidance and supervision .

Preetha

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Guru Nanak College
Velachery, Chennai

A STUDY ON LOAN MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

CHANDRU R

(Reg. no : 1813141058008)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **CHANDRU R (Register Number: 1813141058008) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON LOAN MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

CHANDRU R

(Register Number: 1813141058008)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON LOAN MANAGEMENT SYSTEM "** is the bonafide work carried out by **CHANDRU R (Register Number: 1813141058008), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE INTERNSHIP MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DHANASEKAR S

(Reg. no : 1813141058010)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **DHANASEKAR S (Register Number: 1813141058010) III year B.Sc Computer Science -** A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE INTERNSHIP MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

DHANASEKAR S

(Register Number: 1813141058010)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE INTERNSHIP MANAGEMENT SYSTEM "** is the bonafide work carried out by **DHANASEKAR S (Register Number: 1813141058010), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON ONLINE E-VOTING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DHANASEKAR R

(Reg. no : 1813141058011)

Under the Guidance of

S. Jeyalakshmi

APRIL 2021

DECLARATION

I, **DHANASEKAR R (Register Number: 1813141058011) III year B.Sc Computer Science** - A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE E-VOTING SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

DHANASEKAR R

(Register Number: 1813141058011)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE E-VOTING SYSTEM "** is the bonafide work carried out by **DHANASEKAR R (Register Number: 1813141058011), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON LOCATION BASED ATTORNEY SEARCH SITE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DHANUSH KUMAR

(Reg. no : 1813141058012)

Under the Guidance of

S. Jeyalakshmi

APRIL 2021

DECLARATION

I, **DHANUSH KUMAR (Register Number: 1813141058012) III year B.Sc Computer Science** - A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON LOCATION BASED ATTORNEY SEARCH SITE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

DHANUSH KUMAR

(Register Number: 1813141058012)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON LOCATION BASED ATTORNEY SEARCH SITE "** is the bonafide work carried out by **DHANUSH KUMAR (Register Number: 1813141058012), III year B.Sc Computer Science - A** Under my guidance and supervision .

S. Jeyalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON TECHNICAL DISCUSSION FORUM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DHARANISELVAN S

(Reg. no : 1813141058013)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **DHARANISELVAN S (Register Number: 1813141058013) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON TECHNICAL DISCUSSION FORUM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

DHARANISELVAN S

(Register Number: 1813141058013)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON TECHNICAL DISCUSSION FORUM "** is the bonafide work carried out by **DHARANISELVAN S (Register Number: 1813141058013), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
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Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON A Block chainand Edge computing-based secure

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DHENESH R

(Reg. no : 1813141058014)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **DHENESH R (Register Number: 1813141058014) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON A Block chainand Edge computing-based secure"**. I declare that this is my original work.



PLACE: Chennai

DATE: 01/04/2021

DHENESH R

(Register Number: 1813141058014)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON A Block chainand Edge computing-based secure "** is the bonafide work carried out by **DHENESH R (Register Number: 1813141058014), III year B.Sc Computer Science - A** Under my guidance and supervision .

Preethi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON BUDGET MAINTENANCE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

GOKULNATH S

(Reg. no : 1813141058015)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **GOKULNATH S (Register Number: 1813141058015) III year B.Sc Computer Science** - A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BUDGET MAINTENANCE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

GOKULNATH S

(Register Number: 1813141058015)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BUDGET MAINTENANCE "** is the bonafide work carried out by **GOKULNATH S (Register Number: 1813141058015), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE BLOOD DONATION MANAGEMENT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

GUNASEELAN S

(Reg. no : 1813141058016)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **GUNASEELAN S (Register Number: 1813141058016) III year B.Sc Computer Science** - A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE BLOOD DONATION MANAGEMENT"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

GUNASEELAN S

(Register Number: 1813141058016)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE BLOOD DONATION MANAGEMENT "** is the bonafide work carried out by **GUNASEELAN S (Register Number: 1813141058016), III year B.Sc Computer Science - A** Under my guidance and supervision .

Preethi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON E-VOTING USING BLOCKCHAN

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

HARIHARAN S

(Reg. no : 1813141058017)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **HARIHARAN S (Register Number: 1813141058017) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON E-VOTING USING BLOCKCHAN"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

HARIHARAN S

(Register Number: 1813141058017)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON E-VOTING USING BLOCKCHAN "** is the bonafide work carried out by **HARIHARAN S (Register Number: 1813141058017), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CAMPUS SELECTION SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

HARISH S

(Reg. no : 1813141058018)

Under the Guidance of

S. Jeyalakshmi

APRIL 2021

DECLARATION

I, **HARISH S (Register Number: 18131141058018) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CAMPUS SELECTION SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

HARISH S

(Register Number: 18131141058018)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CAMPUS SELECTION SYSTEM "** is the bonafide work carried out by **HARISH S (Register Number: 1813141058018), III year B.Sc Computer Science - A** Under my guidance and supervision .

S. Jeyalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R. Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ON ROAD VEHICLE ASSISTANT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

JAGADEESH KUMAR M A

(Reg. no : 1813141058019)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **JAGADEESH KUMAR M A (Register Number: 1813141058019) III year B.Sc Computer Science** - A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ON ROAD VEHICLE ASSISTANT"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

Jagadeesh.

JAGADEESH KUMAR M A

(Register Number: 1813141058019)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ON ROAD VEHICLE ASSISTANT "** is the bonafide work carried out by **JAGADEESH KUMAR M A (Register Number: 1813141058019), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON SMART POWER MONIrORING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

JAGADESH P

(Reg. no : 1813141058020)

Under the Guidance of

Ms. H. Sujatha

APRIL 2021

DECLARATION

I, **JAGADESH P (Register Number: 1813141058020) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON SMART POWER MONIrORING SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

Jagadesh.

JAGADESH P

(Register Number: 1813141058020)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON SMART POWER MONIrORING SYSTEM "** is the bonafide work carried out by **JAGADESH P (Register Number: 1813141058020), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON AUTOMATION OF BLOOD DONATION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

JANASHRUTHI S

(Reg. no : 1813141058021)

Under the Guidance of

S. Jeyalakshmi

APRIL 2021

DECLARATION

I, **JANASHRUTHI S (Register Number: 1813141058021) III year B.Sc Computer Science -** A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON AUTOMATION OF BLOOD DONATION"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

JANASHRUTHI S

(Register Number: 1813141058021)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON AUTOMATION OF BLOOD DONATION "** is the bonafide work carried out by **JANASHRUTHI S (Register Number: 1813141058021), III year B.Sc Computer Science - A** Under my guidance and supervision .

S. Jeyalakshmi

Signature of Project Guide

Dr. P. Surendranath M.C.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai

Signature of Head of the Department

A STUDY ON TOURISM MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

JAYA ADWIN SAJU J

(Reg. no : 1813141058022)

Under the Guidance of

S. Jeyalakshmi

APRIL 2021

DECLARATION

I, **JAYA ADWIN SAJU J (Register Number: 1813141058022) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON TOURISM MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

JAYA ADWIN SAJU J

(Register Number: 1813141058022)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON TOURISM MANAGEMENT SYSTEM "** is the bonafide work carried out by **JAYA ADWIN SAJU J (Register Number: 1813141058022), III year B.Sc Computer Science - A** Under my guidance and supervision .

S. Jeyalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON EMPLOYEE LEAVE MANAGEMENT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

JAYA KUMAR R

(Reg. no : 1813141058023)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **JAYA KUMAR R (Register Number: 1813141058023) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EMPLOYEE LEAVE MANAGEMENT"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

JAYA KUMAR R

(Register Number: 1813141058023)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EMPLOYEE LEAVE MANAGEMENT "** is the bonafide work carried out by **JAYA KUMAR R (Register Number: 1813141058023), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE BANKING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KARTHICK S

(Reg. no : 1813141058024)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **KARTHICK S (Register Number: 1813141058024) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE BANKING SYSTEM"**. I declare that this is my original work.

Karthick

PLACE: Chennai

KARTHICK S

DATE: 01/04/2021

(Register Number: 1813141058024)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE BANKING SYSTEM "** is the bonafide work carried out by **KARTHICK S (Register Number: 1813141058024), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE RECRUITMENT PORTAL

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KARTHIK M

(Reg. no : 1813141058025)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **KARTHIK M (Register Number: 1813141058025) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE RECRUITMENT PORTAL"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

KARTHIK M

(Register Number: 1813141058025)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE RECRUITMENT PORTAL "** is the bonafide work carried out by **KARTHIK M (Register Number: 1813141058025), III year B.Sc Computer Science - A** Under my guidance and supervision .

Preetha

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CONVENYOR

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KISHORE KUMAR D

(Reg. no : 1813141058026)

Under the Guidance of

Ms. H. Sujatha

APRIL 2021

DECLARATION

I, **KISHORE KUMAR D (Register Number: 1813141058026) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CONVENYOR"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

KISHORE KUMAR D

(Register Number: 1813141058026)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CONVENYOR "** is the bonafide work carried out by **KISHORE KUMAR D (Register Number: 1813141058026), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON PRVACY PROTECTION IN INTERACTIVE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MALAR N

(Reg. no : 1813141058027)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **MALAR N (Register Number: 1813141058027) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON PRVACY PROTECTION IN INTERACTIVE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

MALAR N

(Register Number: 1813141058027)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON PRVACY PROTECTION IN INTERACTIVE "** is the bonafide work carried out by **MALAR N (Register Number: 1813141058027), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CLOUD DATA SECURITY

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MANIGANDAN R

(Reg. no : 1813141058028)

Under the Guidance of

S. Jeyalakshmi

APRIL 2021

DECLARATION

I, **MANIGANDAN R (Register Number: 1813141058028) III year B.Sc Computer Science** - A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CLOUD DATA SECURITY"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

MANIGANDAN R

(Register Number: 1813141058028)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CLOUD DATA SECURITY "** is the bonafide work carried out by **MANIGANDAN R (Register Number: 1813141058028), III year B.Sc Computer Science - A** Under my guidance and supervision .

S. Jeyalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON EMPLOYEE RECORD MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

NARAYANAN S

(Reg. no : 1813141058029)

Under the Guidance of

Dr. R. Rajini Surendranath

APRIL 2021

DECLARATION

I, **NARAYANAN S (Register Number: 1813141058029) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EMPLOYEE RECORD MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

NARAYANAN S

(Register Number: 1813141058029)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EMPLOYEE RECORD MANAGEMENT SYSTEM "** is the bonafide work carried out by **NARAYANAN S (Register Number: 1813141058029), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON ONLINE REGISTRATION SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

NAVEEN VIGNESHWAR V

(Reg. no : 1813141058030)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **NAVEEN VIGNESHWAR V (Register Number: 1813141058030) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE REGISTRATION SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

NAVEEN VIGNESHWAR V

(Register Number: 1813141058030)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE REGISTRATION SYSTEM "** is the bonafide work carried out by **NAVEEN VIGNESHWAR V (Register Number: 1813141058030), III year B.Sc Computer Science - A** Under my guidance and supervision .

Preethi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE TRAINING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

NAVEEN KUMAR S

(Reg. no : 1813141058031)

Under the Guidance of

Ms. H. Sujatha

APRIL 2021

DECLARATION

I, **NAVEEN KUMAR S (Register Number: 1813141058031) III year B.Sc Computer Science** - A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE TRAINING"**. I declare that this is my original work.

Naveen.

PLACE: Chennai

DATE: 01/04/2021

NAVEEN KUMAR S

(Register Number: 1813141058031)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE TRAINING "** is the bonafide work carried out by **NAVEEN KUMAR S (Register Number: 1813141058031), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON HAND GESTURE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

POOJA M

(Reg. no : 1813141058032)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **POOJA M (Register Number: 1813141058032) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON HAND GESTURE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

Pooja

POOJA M

(Register Number: 1813141058032)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON HAND GESTURE "** is the bonafide work carried out by **POOJA M (Register Number: 1813141058032), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON BUS TICKET BOOKING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

PRASANTH L

(Reg. no : 1813141058033)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **PRASANTH L (Register Number: 1813141058033) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BUS TICKET BOOKING SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

PRASANTH L

(Register Number: 1813141058033)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BUS TICKET BOOKING SYSTEM "** is the bonafide work carried out by **PRASANTH L (Register Number: 1813141058033), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE FOOTWEAR

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

PRAVEEN KUMAR S

(Reg. no : 1813141058034)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **PRAVEEN KUMAR S (Register Number: 1813141058034) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE FOOTWEAR"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

PRAVEEN KUMAR S

(Register Number: 1813141058034)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE FOOTWEAR "** is the bonafide work carried out by **PRAVEEN KUMAR S (Register Number: 1813141058034), III year B.Sc Computer Science - A** Under my guidance and supervision .

Preeltw

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
P.G. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE COURIER BOOKING AND SERVICES

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SAIRAM U

(Reg. no : 1813141058035)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **SAIRAM U (Register Number: 1813141058035) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE COURIER BOOKING AND SERVICES"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SAIRAM U

(Register Number: 1813141058035)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE COURIER BOOKING AND SERVICES "** is the bonafide work carried out by **SAIRAM U (Register Number: 1813141058035), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON FARM MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SANTHA KUMAR

(Reg. no : 1813141058036)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **SANTHA KUMAR (Register Number: 1813141058036) III year B.Sc Computer Science** - A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON FARM MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SANTHA KUMAR

(Register Number: 1813141058036)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON FARM MANAGEMENT SYSTEM "** is the bonafide work carried out by **SANTHA KUMAR (Register Number: 1813141058036), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CREATING A COLLEGE NEWS PAPER

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SASIKUMAR S

(Reg. no : 1813141058037)

Under the Guidance of

S. Jeyalakshmi

APRIL 2021

DECLARATION

I, **SASIKUMAR S (Register Number: 1813141058037) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CREATING A COLLEGE NEWS PAPER"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SASIKUMAR S

(Register Number: 1813141058037)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CREATING A COLLEGE NEWS PAPER "** is the bonafide work carried out by **SASIKUMAR S (Register Number: 1813141058037), III year B.Sc Computer Science - A** Under my guidance and supervision .

S. Jayalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON RED DROP

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SATHISH S

(Reg. no : 1813141058038)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **SATHISH S (Register Number: 1813141058038) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON RED DROP"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SATHISH S

(Register Number: 1813141058038)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON RED DROP "** is the bonafide work carried out by **SATHISH S (Register Number: 1813141058038), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.A., M.Phil., Ph.D
Assistant Professor & Head
Department of Computer Science
Sarah Tucker College
Veerachola, Chennai-600 012

A STUDY ON AGRO ONLINE ANDROID MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SATHISH KUMAR S

(Reg. no : 1813141058039)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **SATHISH KUMAR S (Register Number: 1813141058039) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON AGRO ONLINE ANDROID MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SATHISH KUMAR S

(Register Number: 1813141058039)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON AGRO ONLINE ANDROID MANAGEMENT SYSTEM "** is the bonafide work carried out by **SATHISH KUMAR S (Register Number: 1813141058039), III year B.Sc Computer Science - A** Under my guidance and supervision .

Preelton

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.A. M.Phil. Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE JOB PORTAL

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SATHIYA MOORTHY S

(Reg. no : 1813141058040)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **SATHIYA MOORTHY S (Register Number: 1813141058040) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE JOB PORTAL"**. I declare that this is my original work.



PLACE: Chennai

DATE: 01/04/2021

SATHIYA MOORTHY S

(Register Number: 1813141058040)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE JOB PORTAL "** is the bonafide work carried out by **SATHIYA MOORTHY S (Register Number: 1813141058040), III year B.Sc Computer Science - A** Under my guidance and supervision .

Preetha

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON DIGITAL PARKING MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SHEEBA M

(Reg. no : 1813141058041)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **SHEEBA M (Register Number: 1813141058041) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DIGITAL PARKING MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: Chennai

SHEEBA M

DATE: 01/04/2021

(Register Number: 1813141058041)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DIGITAL PARKING MANAGEMENT SYSTEM "** is the bonafide work carried out by **SHEEBA M (Register Number: 1813141058041), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.A. M.Phil, Ph.D
Associate Professor & Head
B.Sc Computer Science
Guru Nanak College
Velachery, Chennai-42

A STUDY ON PORTFOLIO WEBSITE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SHREE HARI B

(Reg. no : 1813141058042)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **SHREE HARI B (Register Number: 1813141058042) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON PORTFOLIO WEBSITE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SHREE HARI B

(Register Number: 1813141058042)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON PORTFOLIO WEBSITE "** is the bonafide work carried out by **SHREE HARI B (Register Number: 1813141058042), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B Sc Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON RESULT ANALYSIS SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SIVA SHANMUGAM V

(Reg. no : 1813141058043)

Under the Guidance of

S. Jeyalakshmi

APRIL 2021

DECLARATION

I, **SIVA SHANMUGAM V (Register Number: 1813141058043) III year B.Sc Computer Science** - A Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON RESULT ANALYSIS SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SIVA SHANMUGAM V

(Register Number: 1813141058043)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON RESULT ANALYSIS SYSTEM "** is the bonafide work carried out by **SIVA SHANMUGAM V (Register Number: 1813141058043), III year B.Sc Computer Science - A** Under my guidance and supervision .

S. Jeyalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R. Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON FIXIN' SERVICE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

RAJESH S

(Reg. no : 1813141058044)

Under the Guidance of

Ms. H. Sujatha

APRIL 2021

DECLARATION

I, **RAJESH S** (Register Number: **1813141058044**) **III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON FIXIN' SERVICE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

RAJESH S

(Register Number: 1813141058044)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON FIXIN' SERVICE "** is the bonafide work carried out by **RAJESH S (Register Number: 1813141058044), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON CVTM-A CONTENT VENUE AWARE TOPIC MODEL FOR GROUP EVENT RECOMMENDATION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SRINATH S

(Reg. no : 1813141058045)

Under the Guidance of

S. Jeyalakshmi

APRIL 2021

DECLARATION

I, **SRINATH S (Register Number: 1813141058045) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CVTM-A CONTENT VENUE AWARE TOPIC MODEL FOR GROUP EVENT RECOMMENDATION"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

Srinath

SRINATH S

(Register Number: 1813141058045)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CVTM-A CONTENT VENUE AWARE TOPIC MODEL FOR GROUP EVENT RECOMMENDATION "** is the bonafide work carried out by **SRINATH S (Register Number: 1813141058045), III year B.Sc Computer Science - A** Under my guidance and supervision .

S. Jeyalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON LANGUACE TRANSLATOR

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SURESH R

(Reg. no : 1813141058046)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **SURESH R (Register Number: 1813141058046) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON LANGUACE TRANSLATOR"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SURESH R

(Register Number: 1813141058046)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON LANGUACE TRANSLATOR "** is the bonafide work carried out by **SURESH R (Register Number: 1813141058046), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R. Rajini Surendranath, MCA, M Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON WATER BILLING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VIGNESH K

(Reg. no : 1813141058047)

Under the Guidance of

Ms. G. Preetha

APRIL 2021

DECLARATION

I, **VIGNESH K (Register Number: 1813141058047) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON WATER BILLING SYSTEM"**. I declare that this is my original work.



PLACE: Chennai

VIGNESH K

DATE: 01/04/2021

(Register Number: 1813141058047)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON WATER BILLING SYSTEM "** is the bonafide work carried out by **VIGNESH K (Register Number: 1813141058047), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE QUIZ MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VIGNESH KUMAR A

(Reg. no : 1813141058048)

Under the Guidance of

S. Jeyalakshmi

APRIL 2021

DECLARATION

I, **VIGNESH KUMAR A (Register Number: 1813141058048) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE QUIZ MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

VIGNESH KUMAR A

(Register Number: 1813141058048)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE QUIZ MANAGEMENT SYSTEM "** is the bonafide work carried out by **VIGNESH KUMAR A (Register Number: 1813141058048), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON E-VEHICLE MANAGEMENT SERVICE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VIVEK S

(Reg. no : 1813141058050)

Under the Guidance of

S. Jeyalakshmi

APRIL 2021

DECLARATION

I, **VIVEK S (Register Number: 1813141058050) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON E-VEHICLE MANAGEMENT SERVICE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

VIVEK S

(Register Number: 1813141058050)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON E-VEHICLE MANAGEMENT SERVICE "** is the bonafide work carried out by **VIVEK S (Register Number: 1813141058050), III year B.Sc Computer Science - A** Under my guidance and supervision .

S. Jeyalakshmi

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON STUDENT'S JOB PORTAL

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

YUVARAJ R

(Reg. no : 1813141058051)

Under the Guidance of

Ms. H. Sujatha

APRIL 2021

DECLARATION

I, **YUVARAJ R (Register Number: 1813141058051) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON STUDENT'S JOB PORTAL"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

YUVARAJ R

(Register Number: 1813141058051)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON STUDENT'S JOB PORTAL "** is the bonafide work carried out by **YUVARAJ R (Register Number: 1813141058051), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON AIR QUALITY PREDICTION SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

YUVARAM C

(Reg. no : 1813141058052)

Under the Guidance of

S. Jeyalakshmi

APRIL 2021

DECLARATION

I, **YUVARAM C (Register Number: 1813141058052) III year B.Sc Computer Science - A** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON AIR QUALITY PREDICTION SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

YUVARAM C

(Register Number: 1813141058052)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON AIR QUALITY PREDICTION SYSTEM "** is the bonafide work carried out by **YUVARAM C (Register Number: 1813141058052), III year B.Sc Computer Science - A** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath
Associate Professor & Head
B.Sc Computer Science
Guru Nanak College
Velachery, Chennai-42

A STUDY ON CONCURRENT QUERY AUTHENTICATION FOR OUTSOURCED DATABASES

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AAKASH S

(Reg. no : 1813141058053)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **AAKASH S (Register Number: 1813141058053) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY On Concurrent Query Authentication for Outsourced Databases"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

AAKASH S

(Register Number: 1813141058053)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON Concurrent Query Authentication for Outsourced Databases "** is the bonafide work carried out by **AAKASH S (Register Number: 1813141058053), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON KHADIVOGUE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ALTAF M A

(Reg. no : 1813141058054)

Under the Guidance of

P. Malathi

APRIL 2021

DECLARATION

I, **ALTAF M A (Register Number: 1813141058054) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON KHADIVOGUE"**. I declare that this is my original work.



ALTAF M A

(Register Number: 1813141058054)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON KHADIVOGUE "** is the bonafide work carried out by **ALTAF M A (Register Number: 1813141058054), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath [illegible] Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CHATROOM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ARUNKUMAR P

(Reg. no : 1813141058055)

Under the Guidance of

Dr. R. Rajini Surendranath

APRIL 2021

DECLARATION

I, **ARUNKUMAR P (Register Number: 1813141058055) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CHATROOM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

ARUNKUMAR P

(Register Number: 1813141058055)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CHATROOM "** is the bonafide work carried out by **ARUNKUMAR P (Register Number: 1813141058055), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE EXAMINATION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ASISH BHARATHI T K

(Reg. no : 1813141058056)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **ASISH BHARATHI T K (Register Number: 1813141058056) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE EXAMINATION"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

ASISH BHARATHI T K

(Register Number: 1813141058056)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE EXAMINATION "** is the bonafide work carried out by **ASISH BHARATHI T K (Register Number: 1813141058056), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.C.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON FAKE REVIEW DETECTION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

BHARATH KUMAR J

(Reg. no : 1813141058057)

Under the Guidance of

Ms. H. Sujatha

APRIL 2021

DECLARATION

I, **BHARATH KUMAR J (Register Number: 1813141058057) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON FAKE REVIEW DETECTION"**. I declare that this is my original work.



BHARATH KUMAR J

(Register Number: 1813141058057)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON FAKE REVIEW DETECTION "** is the bonafide work carried out by **BHARATH KUMAR J (Register Number: 1813141058057), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.C.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON IMAGE STEGANOGRAPHY

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DANESH A

(Reg. no : 1813141058058)

Under the Guidance of

R. Ramya

APRIL 2021

DECLARATION

I, **DANESH A (Register Number: 1813141058058) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON IMAGE STEGANOGRAPHY"**. I declare that this is my original work.

Danesh

PLACE: Chennai

DANESH A

DATE: 01/04/2021

(Register Number: 1813141058058)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON IMAGE STEGANOGRAPHY "** is the bonafide work carried out by **DANESH A (Register Number: 1813141058058), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendran
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai

A STUDY ON SOS APPLICATION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DEEPAK S

(Reg. no : 1813141058059)

Under the Guidance of

Ms. H. Sujatha

APRIL 2021

DECLARATION

I, **DEEPAK S (Register Number: 1813141058059) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON SOS APPLICATION"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

DEEPAK S

(Register Number: 1813141058059)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON SOS APPLICATION "** is the bonafide work carried out by **DEEPAK S (Register Number: 1813141058059), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON AUTOMATIC QUESTION TAGGING WITH DEEP NEURAL NETWORKS

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DHARANEESHWARAN M

(Reg. no : 1813141058060)

Under the Guidance of

P. Malathi

APRIL 2021

DECLARATION

I, **DHARANEESHWARAN M** (Register **Number: 1813141058060) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON AUTOMATIC QUESTION TAGGING WITH DEEP NEURAL NETWORKS"**. I declare that this is my original work.



PLACE: Chennai

DATE: 01/04/2021

DHARANEESHWARAN M

(Register Number: 1813141058060)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON AUTOMATIC QUESTION TAGGING WITH DEEP NEURAL NETWORKS "** is the bonafide work carried out by **DHARANEESHWARAN M (Register Number: 1813141058060), III year B.Sc Computer Science - B** Under my guidance and supervision .

P. Malathy

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CANTEEN RESERVATION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DHARUN SAINATH V E

(Reg. no : 1813141058061)

Under the Guidance of

R. Ramya

APRIL 2021

DECLARATION

I, **DHARUN SAINATH V E (Register Number: 1813141058061) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CANTEEN RESERVATION"**. I declare that this is my original work.

Dharun Sainath

DHARUN SAINATH V E

(Register Number: 1813141058061)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CANTEEN RESERVATION "** is the bonafide work carried out by **DHARUN SAINATH V E (Register Number: 1813141058061), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai

A STUDY ON MAZE GAME

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DINESH J

(Reg. no : 1813141058062)

Under the Guidance of

P. Malathi

APRIL 2021

DECLARATION

I, **DINESH J (Register Number: 1813141058062) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON MAZE GAME"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

DINESH J

(Register Number: 1813141058062)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON MAZE GAME "** is the bonafide work carried out by **DINESH J (Register Number: 1813141058062), III year B.Sc Computer Science - B** Under my guidance and supervision .

P. Malathy

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendran
Associate Professor & Head
Department of Computer Science
Sri Sai Ram Arts College for Women
Velachery, Chennai-42

A STUDY ON STUDENT INFORMATION MANAGEMENT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DINESH KUMAR G

(Reg. no : 1813141058063)

Under the Guidance of

R. Ramya

APRIL 2021

DECLARATION

I, **DINESH KUMAR G (Register Number: 1813141058063) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON STUDENT INFORMATION MANAGEMENT"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

DINESH KUMAR G

(Register Number: 1813141058063)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON STUDENT INFORMATION MANAGEMENT "** is the bonafide work carried out by **DINESH KUMAR G (Register Number: 1813141058063), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON OPEN RULE ENGINE FOR BUSINESS DECISION MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

EZHILARASAN G S

(Reg. no : 1813141058064)

Under the Guidance of

R. Ramya

APRIL 2021

DECLARATION

I, **EZHILARASAN G S (Register Number: 1813141058064) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON OPEN RULE ENGINE FOR BUSINESS DECISION MANAGEMENT SYSTEM"**. I declare that this is my original work.

EZHILARASAN G S

(Register Number: 1813141058064)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON OPEN RULE ENGINE FOR BUSINESS DECISION MANAGEMENT SYSTEM"** is the bonafide work carried out by **EZHILARASAN G S (Register Number: 1813141058064), III year B.Sc Computer Science- B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON STATIONERY MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

GANESHKUMAR M

(Reg. no : 1813141058065)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **GANESHKUMAR M (Register Number: 1813141058065) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON STATIONERY MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

GANESHKUMAR M

(Register Number: 1813141058065)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON STATIONERY MANAGEMENT SYSTEM "** is the bonafide work carried out by **GANESHKUMAR M (Register Number: 1813141058065), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath [illegible] Ph.D
Associate Profe[illegible] & Head
B.Sc Computer Science
Guru Nanak College
Velachery, Chennai

A STUDY ON FACE TENDANCE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

GOVINDARAJAN S

(Reg. no : 1813141058066)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **GOVINDARAJAN S (Register Number: 1813141058066) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON FACE TENDANCE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

GOVINDARAJAN S

(Register Number: 1813141058066)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON FACE TENDANCE "** is the bonafide work carried out by **GOVINDARAJAN S (Register Number: 1813141058066), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendran
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai

A STUDY ON DOCFACE+: ID DOCUMENT TO SELFIE*MATCHING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

HARIHARAN S

(Reg. no : 1813141058068)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **HARIHARAN S (Register Number: 1813141058068) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DOCFACE+: ID DOCUMENT TO SELFIE*MATCHING"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

HARIHARAN S

(Register Number: 1813141058068)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DOCFACE+: ID DOCUMENT TO SELFIE*MATCHING "** is the bonafide work carried out by **HARIHARAN S (Register Number: 1813141058068), III year B.Sc Computer Science - B** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.C.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON SMART DRIVER MONITORING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

HARIPRASATH S

(Reg. no : 1813141058069)

Under the Guidance of

P. Malathi

APRIL 2021

DECLARATION

I, **HARIPRASATH S (Register Number: 1813141058069) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON SMART DRIVER MONITORING SYSTEM"**. I declare that this is my original work.



PLACE: Chennai

HARIPRASATH S

DATE: 01/04/2021

(Register Number: 1813141058069)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON SMART DRIVER MONITORING SYSTEM "** is the bonafide work carried out by **HARIPRASATH S (Register Number: 1813141058069), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath
Associate Professor & Head
PG & Research Department of Computer Science
Govt. Arts College (Autonomous)
Salem-636 007

A STUDY ON GOVERNMENT ONLINE EXAM RESULT MONITORING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

HARISH D

(Reg. no : 1813141058070)

Under the Guidance of

R. Ramya

APRIL 2021

DECLARATION

I, **HARISH D (Register Number: 1813141058070) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON GOVERNMENT ONLINE EXAM RESULT MONITORING SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

HARISH D

(Register Number: 1813141058070)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON GOVERNMENT ONLINE EXAM RESULT MONITORING SYSTEM "** is the bonafide work carried out by **HARISH D (Register Number: 1813141058070), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai

A STUDY ON ONLINE ASSESSMENT TEST

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

JAYAGOPAL K

(Reg. no : 1813141058071)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **JAYAGOPAL K (Register Number: 1813141058071) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE ASSESSMENT TEST"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

JAYAGOPAL K

(Register Number: 1813141058071)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE ASSESSMENT TEST "** is the bonafide work carried out by **JAYAGOPAL K (Register Number: 1813141058071), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.C.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai-42

A STUDY ON DIGITAL VOTING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KAMALAPRIYAN R

(Reg. no : 1813141058072)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, KAMALAPRIYAN R (Register Number: 1813141058072) III year B.Sc Computer Science - B Student of Guru Nanak College (Autonomous), has done a project report on the title "A STUDY ON DIGITAL VOTING SYSTEM". I declare that this is my original work.

KAMALAPRIYAN R

(Register Number: 1813141058072)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled "**A STUDY ON DIGITAL VOTING SYSTEM**" is the bonafide work carried out by **KAMALAPRIYAN R (Register Number: 1813141058072), III year B.Sc Computer Science - B** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

Dr. R. Rajni Suresh
Associate Professor & Head
P.G. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ENABLING TERNARY HASH TREE BASED INTEGRITY VERIFICATION FOR SECURE CLOUD DATA STORAGE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KARTHIK V

(Reg. no : 1813141058073)

Under the Guidance of

P. Malathi

APRIL 2021

DECLARATION

I, **KARTHIK V (Register Number: 1813141058073) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ENABLING TERNARY HASH TREE BASED INTEGRITY VERIFICATION FOR SECURE CLOUD DATA STORAGE"**. I declare that this is my original work.



PLACE: Chennai

KARTHIK V

DATE: 01/04/2021

(Register Number: 1813141058073)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ENABLING TERNARY HASH TREE BASED INTEGRITY VERIFICATION FOR SECURE CLOUD DATA STORAGE "** is the bonafide work carried out by **KARTHIK V (Register Number: 1813141058073), III year B.Sc Computer Science - B** Under my guidance and supervision .

P. Malathy

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON TRAINING AND PLACEMENT CELL MANAGEMENT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KAVICHELVAN G

(Reg. no : 1813141058074)

Under the Guidance of

R. Ramya

APRIL 2021

DECLARATION

I, **KAVICHELVAN G (Register Number: 1813141058074) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON TRAINING AND PLACEMENT CELL MANAGEMENT"**. I declare that this is my original work.

KAVICHELVAN G

(Register Number: 1813141058074)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON TRAINING AND PLACEMENT CELL MANAGEMENT "** is the bonafide work carried out by **KAVICHELVAN G (Register Number: 1813141058074), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON FACE MASK DETECTION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KESAVAN T R

(Reg. no : 1813141058075)

Under the Guidance of

R. Ramya

APRIL 2021

DECLARATION

I, KESAVAN T R (Register Number: 1813141058075) III year B.Sc Computer Science - B Student of Guru Nanak College (Autonomous), has done a project report on the title "A STUDY ON FACE MASK DETECTION". I declare that this is my original work.

KESAVAN T R

(Register Number: 1813141058075)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON FACE MASK DETECTION "** is the bonafide work carried out by **KESAVAN T R (Register Number: 1813141058075), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON LEAVE MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KISHORE KUMAR B

(Reg. no : 1813141058076)

Under the Guidance of

P. Malathi

APRIL 2021

DECLARATION

I, **KISHORE KUMAR B (Register Number: 1813141058076) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON LEAVE MANAGEMENT SYSTEM"**. I declare that this is my original work.

Kishore Kumar B

PLACE: Chennai

KISHORE KUMAR B

DATE: 01/04/2021

(Register Number: 1813141058076)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON LEAVE MANAGEMENT SYSTEM "** is the bonafide work carried out by **KISHORE KUMAR B (Register Number: 1813141058076), III year B.Sc Computer Science - B** Under my guidance and supervision .

P. Malathy

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai-42

A STUDY ON AGROKART

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

LAKSHMI NARASIMHA C

(Reg. no : 1813141058077)

Under the Guidance of

Ms. H. Sujatha

APRIL 2021

DECLARATION

I, **LAKSHMI NARASIMHA C (Register Number: 1813141058077) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON AGROKART"**. I declare that this is my original work.

LAKSHMI NARASIMHA C

(Register Number: 1813141058077)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON AGROKART "** is the bonafide work carried out by **LAKSHMI NARASIMHA C (Register Number: 1813141058077), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE JOB PORTAL

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MANIMARAN S

(Reg. no : 1813141058078)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **MANIMARAN S (Register Number: 1813141058078) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE JOB PORTAL"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

MANIMARAN S

(Register Number: 1813141058078)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE JOB PORTAL "** is the bonafide work carried out by **MANIMARAN S (Register Number: 1813141058078), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath ... PhD, PGD
Associate Professor & Head
B.Sc Computer Science
Guru Nanak College
Velachery, Chennai

A STUDY ON ELECTRICITY BILLING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MANUDEVAN M

(Reg. no : 1813141058079)

Under the Guidance of

R. Ramya

APRIL 2021

DECLARATION

I, **MANUDEVAN M (Register Number: 1813141058079) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ELECTRICITY BILLING SYSTEM"**. I declare that this is my original work.

MANUDEVAN M

(Register Number: 1813141058079)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ELECTRICITY BILLING SYSTEM "** is the bonafide work carried out by **MANUDEVAN M (Register Number: 1813141058079), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON CREDIT CARD FRAUD DETECTION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MUTHUKUMAR V

(Reg. no : 1813141058080)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **MUTHUKUMAR V (Register Number: 1813141058080) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CREDIT CARD FRAUD DETECTION"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

MUTHUKUMAR V

(Register Number: 1813141058080)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CREDIT CARD FRAUD DETECTION "** is the bonafide work carried out by **MUTHUKUMAR V (Register Number: 1813141058080), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON E-LIBRARY

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

NAGARAJAN B J

(Reg. no : 1813141058081)

Under the Guidance of

R. Ramya

APRIL 2021

DECLARATION

I, **NAGARAJAN B J (Register Number: 1813141058081) III year B.Sc Computer Science- B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON E-LIBRARY"**. I declare that this is my original work.

NAGARAJAN B J

(Register Number: 1813141058081)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON E-LIBRARY "** is the bonafide work carried out by **NAGARAJAN B J (Register Number: 1813141058081), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajni Surendranath MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON CAR RENTAL PORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

NARESH KUMAR V

(Reg. no : 1813141058082)

Under the Guidance of

P. Malathi

APRIL 2021

DECLARATION

I, **NARESH KUMAR V (Register Number: 1813141058082) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CAR RENTAL PORT"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

NARESH KUMAR V

(Register Number: 1813141058082)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CAR RENTAL PORT "** is the bonafide work carried out by **NARESH KUMAR V (Register Number: 1813141058082), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendra[illegible] M.Sc., M.Phil., Ph.D
Associate Profe[illegible]or & Head
B.Sc. Computer Science
Guru Nanak College
Velache[illegible], Chennai-42.

A STUDY ON AUTOMATIC HAND SANITIZER (IOT)

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

PAVITHRAN V

(Reg. no : 1813141058084)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **PAVITHRAN V (Register Number: 1813141058084) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON AUTOMATIC HAND SANITIZER (IOT)"**. I declare that this is my original work.

Pavithran

PLACE: Chennai

PAVITHRAN V

DATE: 01/04/2021

(Register Number: 1813141058084)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON AUTOMATIC HAND SANITIZER (IOT) "** is the bonafide work carried out by **PAVITHRAN V (Register Number: 1813141058084), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendran
Associate Prof
B.Sc Computer Science
Guru Nanak College

A STUDY ON EXAM HALL MANAGER

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

RAJ KUMAR M

(Reg. no : 1813141058085)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **RAJ KUMAR M (Register Number: 1813141058085) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EXAM HALL MANAGER"**. I declare that this is my original work.



RAJ KUMAR M

PLACE: Chennai

DATE: 01/04/2021

(Register Number: 1813141058085)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EXAM HALL MANAGER "** is the bonafide work carried out by **RAJ KUMAR M (Register Number: 1813141058085), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.C.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON BLOOD BANK MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

RAJESH J

(Reg. no : 1813141058086)

Under the Guidance of

'Ramya C'

APRIL 2021

DECLARATION

I, **Rajesh J (Register Number: 1813141058086) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BLOOD BANK MANAGEMENT SYSTEM"**. I declare that this is my original work.



PLACE: Chennai

DATE: 01.04.2021

RAJESH J

(Register Number:1813141058086)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BLOOD BANK MANAGEMENT SYSTEM"** is the bonafide work carried out by **RAJESH J (Register Number: 1813141058086), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE VOTING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

RAMKUMAR M

(Reg. no : 1813141058087)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, RAMKUMAR M (Register Number: 1813141058087) III year B.Sc Computer Science - B Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE VOTING SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

RAMKUMAR M

(Register Number: 1813141058087)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE VOTING SYSTEM "** is the bonafide work carried out by **RAMKUMAR M (Register Number: 1813141058087), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CUSTOMER CARE AND RELATIONSHIP QUERIES SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ROGITH KUMAR H

(Reg. no : 1813141058088)

Under the Guidance of

P. Malathi

APRIL 2021

DECLARATION

I, **ROGITH KUMAR H (Register Number: 1813141058088) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CUSTOMER CARE AND RELATIONSHIP QUERIES SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

ROGITH KUMAR H

(Register Number: 1813141058088)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CUSTOMER CARE AND RELATIONSHIP QUERIES SYSTEM "** is the bonafide work carried out by **ROGITH KUMAR H (Register Number: 1813141058088), III year B.Sc Computer Science - B** Under my guidance and supervision .

P. Malathy

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON E-LIBRARY PORTAL

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

RUBESH KUMAR B

(Reg. no: 1813141058089)

Under the Guidance of

P. Malathi

APRIL 2021

DECLARATION

I, **RUBESH KUMAR B (Register Number: 1813141058089) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON E-LIBRARY PORTAL"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

RUBESH KUMAR B

(Register Number: 1813141058089)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON E-LIBRARY PORTAL"** is the bonafide work carried out by **RUBESH KUMAR B (Register Number: 1813141058089), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.C.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON RESTAURANT TABLE BOOKING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SAI MANOKAR R A

(Reg. no : 1813141058090)

Under the Guidance of

P. Malathi

APRIL 2021

DECLARATION

I, **SAI MANOKAR R A (Register Number: 1813141058090) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON RESTAURANT TABLE BOOKING"**. I declare that this is my original work.



PLACE: Chennai

DATE: 01/04/2021

SAI MANOKAR R A

(Register Number: 1813141058090)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON RESTAURANT TABLE BOOKING "** is the bonafide work carried out by **SAI MANOKAR R A (Register Number: 1813141058090), III year B.Sc Computer Science - B** Under my guidance and supervision .

P.Malathy

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Sc., M.Phil.,
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai

A STUDY ON CAR PARKING RESERVATION SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SANGITH R

(Reg. no : 1813141058091)

Under the Guidance of

P. Malathi

APRIL 2021

DECLARATION

I, **SANGITH R (Register Number: 1813141058091) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CAR PARKING RESERVATION SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SANGITH R

(Register Number: 1813141058091)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CAR PARKING RESERVATION SYSTEM "** is the bonafide work carried out by **SANGITH R (Register Number: 1813141058091), III year B.Sc Computer Science - B** Under my guidance and supervision .

P. Malathy

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai-42

A STUDY ON EMPLOYEE MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SANTHOSHKUMAR K

(Reg. no : 1813141058092)

Under the Guidance of

Dr. R. Rajini Surendranath

APRIL 2021

DECLARATION

I, SANTHOSHKUMAR K (Register Number: 1813141058092) III year B.Sc Computer Science - B Student of Guru Nanak College (Autonomous), has done a project report on the title "A STUDY ON EMPLOYEE MANAGEMENT SYSTEM". I declare that this is my original work.



SANTHOSHKUMAR K

(Register Number: 1813141058092)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EMPLOYEE MANAGEMENT SYSTEM "** is the bonafide work carried out by **SANTHOSHKUMAR K (Register Number: 1813141058092), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON PROVABLY SECURE AND LIGHTWEIGHT IDENTITY- BASED AUTHENTICATED DATA SHARING PROTOCOL

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

TAMILSELVAN R

(Reg. no : 1813141058096)

Under the Guidance of

R. Ramya

APRIL 2021

DECLARATION

I, **TAMILSELVAN R (Register Number: 1813141058096) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON PROVABLY SECURE AND LIGHTWEIGHT IDENTITY- BASED AUTHENTICATED DATA SHARING PROTOCOL"**. I declare that this is my original work.

tamilselvi

PLACE: Chennai

TAMILSELVAN R

DATE: 01/04/2021

(Register Number: 1813141058096)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON PROVABLY SECURE AND LIGHTWEIGHT IDENTITY- BASED AUTHENTICATED DATA SHARING PROTOCOL "** is the bonafide work carried out by **TAMILSELVAN R (Register Number: 1813141058096), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College

A STUDY ON LICENSE PLATE RECOGNITION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VASANTH KUMAR B

(Reg. no : 1813141058097)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **VASANTH KUMAR B (Register Number: 1813141058097) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON LICENSE PLATE RECOGNITION"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

VASANTH KUMAR B

(Register Number: 1813141058097)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON LICENSE PLATE RECOGNITION "** is the bonafide work carried out by **VASANTH KUMAR B (Register Number: 1813141058097), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON RECRUITMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VEDA PRAKASH K

(Reg. no : 1813141058098)

Under the Guidance of

P. Malathi

APRIL 2021

DECLARATION

I, **VEDA PRAKASH K (Register Number: 1813141058098) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON RECRUITMENT SYSTEM"**. I declare that this is my original work.

veda prakash

PLACE: Chennai

VEDA PRAKASH K

DATE: 01/04/2021

(Register Number: 1813141058098)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON RECRUITMENT SYSTEM "** is the bonafide work carried out by **VEDA PRAKASH K (Register Number: 1813141058098), III year B.Sc Computer Science - B** Under my guidance and supervision .

P.Malathy

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.A., M.Phil., Ph.D
Associate Professor & Head
P.G. & Research Department of Computer Science
Guru Nanak College
Velachery, Chennai - 600 042

A STUDY ON SERVICE PROVISIONING SYSTEMS UNDER STEALTH DOS ATTACK

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VENKATESAN N

(Reg. no : 1813141058099)

Under the Guidance of

Dr. R. Rajini Surendranath

APRIL 2021

DECLARATION

I, **VENKATESAN N (Register Number: 1813141058099) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON SERVICE PROVISIONING SYSTEMS UNDER STEALTH DOS ATTACK"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

VENKATESAN N

(Register Number: 1813141058099)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON SERVICE PROVISIONING SYSTEMS UNDER STEALTH DOS ATTACK"**is the bonafide work carried out by **VENKATESAN N (Register Number: 1813141058099), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CONSTRUCTION MATERIAL PRODUCTION SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VIGNESH S

(Reg. no : 1813141058100)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **VIGNESH S (Register Number: 1813141058100) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CONSTRUCTION MATERIAL PRODUCTION SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

VIGNESH S

(Register Number: 1813141058100)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CONSTRUCTION MATERIAL PRODUCTION SYSTEM "** is the bonafide work carried out by **VIGNESH S (Register Number: 1813141058100), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Sc., M.Phil., Ph.D.
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON AUTOMATED TIMETABLE GENERATOR

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

YUVARAJ M

(Reg. no : 1813141058103)

Under the Guidance of

Mr. S. Ubaidulla

APRIL 2021

DECLARATION

I, **YUVARAJ M (Register Number: 1813141058103) III year B.Sc Computer Science - B** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON AUTOMATED TIMETABLE GENERATOR"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

YUVARAJ M

(Register Number: 1813141058103)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON AUTOMATED TIMETABLE GENERATOR "** is the bonafide work carried out by **YUVARAJ M (Register Number: 1813141058103), III year B.Sc Computer Science - B** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON HOSPITAL MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ABHISHEK A

(Reg. no : 1813141058105)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **ABHISHEK A (Register Number: 1813141058105) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON HOSPITAL MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

ABHISHEK A

(Register Number: 1813141058105)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON HOSPITAL MANAGEMENT SYSTEM "** is the bonafide work carried out by **ABHISHEK A (Register Number: 1813141058105), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.A, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON STUDENT RESULT MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AKASH C

(Reg. no : 1813141058106)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **AKASH C (Register Number: 1813141058106) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON STUDENT RESULT MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

AKASH C

(Register Number: 1813141058106)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON STUDENT RESULT MANAGEMENT SYSTEM "** is the bonafide work carried out by **AKASH C (Register Number: 1813141058106), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CURRENT AFFAIRS

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AKASH S R

(Reg. no : 1813141058107)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **AKASH S R (Register Number: 1813141058107) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CURRENT AFFAIRS"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

AKASH S R

(Register Number: 1813141058107)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CURRENT AFFAIRS "** is the bonafide work carried out by **AKASH S R (Register Number: 1813141058107), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc Computer Science
Guru Nanak College
Velachery, Chennai -42

A STUDY ON WEB BASED PROJECT MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AMRISH RAVEEN R

(Reg. no : 1813141058108)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **AMRISH RAVEEN R (Register Number: 1813141058108) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON WEB BASED PROJECT MANAGEMENT SYSTEM"**. I declare that this is my original work.

Amrish Raveen. R.

AMRISH RAVEEN R

(Register Number: 1813141058108)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON WEB BASED PROJECT MANAGEMENT SYSTEM "** is the bonafide work carried out by **AMRISH RAVEEN R (Register Number: 1813141058108), III year B.Sc Computer Science - C** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON QUESTION BANK

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AMRIT KUMAR

(Reg. no : 1813141058109)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **AMRIT KUMAR (Register Number: 1813141058109) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON QUESTION BANK"**. I declare that this is my original work.

Amrit kumar.

PLACE: Chennai

AMRIT KUMAR

DATE: 01/04/2021

(Register Number: 1813141058109)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON QUESTION BANK "** is the bonafide work carried out by **AMRIT KUMAR (Register Number: 1813141058109), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.Sc. M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON VIRTUAL PRIVATE NETWORK

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ARAVIND M

(Reg. no : 1813141058110)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **ARAVIND M (Register Number: 1813141058110) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON VIRTUAL PRIVATE NETWORK"**. I declare that this is my original work.



PLACE: Chennai

ARAVIND M

DATE: 01/04/2021

(Register Number: 1813141058110)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON VIRTUAL PRIVATE NETWORK "** is the bonafide work carried out by **ARAVIND M (Register Number: 1813141058110), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.A. M.Phil. Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai-42

A STUDY ON VAKKUCCITTU

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

ARUN A

(Reg. no : 1813141058111)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **ARUN A (Register Number: 1813141058111) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON VAKKUCCITTU"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

ARUN A

(Register Number: 1813141058111)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON VAKKUCCITTU "** is the bonafide work carried out by **ARUN A (Register Number: 1813141058111), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON EVENT NOTICE BOARD

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DANACHEZHIAN S

(Reg. no : 1813141058112)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **DANACHEZHIAN S (Register Number: 1813141058112) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EVENT NOTICE BOARD"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

DANACHEZHIAN S

(Register Number: 1813141058112)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EVENT NOTICE BOARD "** is the bonafide work carried out by **DANACHEZHIAN S (Register Number: 1813141058112), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE EXAMINATION MANAGEMENT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DEEPAK SAI M

(Reg. no : 1813141058113)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **DEEPAK SAI M (Register Number: 1813141058113) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE EXAMINATION MANAGEMENT"**. I declare that this is my original work.

Deepak Sai.

DEEPAK SAI M

(Register Number: 1813141058113)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE EXAMINATION MANAGEMENT "** is the bonafide work carried out by **DEEPAK SAI M (Register Number: 1813141058113), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE STUDENT ADMISSION SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DHILIP B

(Reg. no : 1813141058115)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **DHILIP B (Register Number: 1813141058115) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE STUDENT ADMISSION SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

Dhilip.

DHILIP B

(Register Number: 1813141058115)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE STUDENT ADMISSION SYSTEM "** is the bonafide work carried out by **DHILIP B (Register Number: 1813141058115), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.C.A., M.Phil., Ph.D.
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON HETEROGENEOUS DATA STORAGE MANAGEMENT WITH DEDUPLICATION IN CLOUD COMPUTING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

DINESH KUMAR M

(Reg. no : 1813141058116)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **DINESH KUMAR M (Register Number: 1813141058116) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON HETEROGENEOUS DATA STORAGE MANAGEMENT WITH DEDUPLICATION IN CLOUD COMPUTING"**. I declare that this is my original work.

Dinesh.kumar.

DINESH KUMAR M

(Register Number: 1813141058116)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON HETEROGENEOUS DATA STORAGE MANAGEMENT WITH DEDUPLICATION IN CLOUD COMPUTING "** is the bonafide work carried out by **DINESH KUMAR M (Register Number: 1813141058116), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON MORSE CODE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

GOKUL RAJ K

(Reg. no : 1813141058117)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **GOKUL RAJ K (Register Number: 1813141058117) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON MORSE CODE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

GOKUL RAJ K

(Register Number: 1813141058117)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON MORSE CODE "** is the bonafide work carried out by **GOKUL RAJ K (Register Number: 1813141058117), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE CRIME MANAGEMENT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

HARIHARAN J

(Reg. no : 1813141058118)

Under the Guidance of

Ms. H. Sujatha

APRIL 2021

DECLARATION

I, **HARIHARAN J (Register Number: 1813141058118) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE CRIME MANAGEMENT"**. I declare that this is my original work.

hariharan.

PLACE: Chennai

HARIHARAN J

DATE: 01/04/2021

(Register Number: 1813141058118)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE CRIME MANAGEMENT "** is the bonafide work carried out by **HARIHARAN J (Register Number: 1813141058118), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.A., M.Phil., Ph.D.
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON PLACEMENT MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

JAYASIDHAN S

(Reg. no : 1813141058119)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **JAYASIDHAN S (Register Number: 1813141058119) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON PLACEMENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

Jayasidhan S.

JAYASIDHAN S

(Register Number: 1813141058119)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON PLACEMENT MANAGEMENT SYSTEM "** is the bonafide work carried out by **JAYASIDHAN S (Register Number: 1813141058119), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.C.A., M.Phil, Ph.D
Associate Professor & Head
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Guru Nanak College
Velachery, Chennai - 42

A STUDY ON COLLEGE ERP SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

JEEVANANDHAM K

(Reg. no : 1813141058120)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **JEEVANANDHAM K (Register Number: 1813141058120) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON COLLEGE ERP SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

JEEVANANDHAM K

(Register Number: 1813141058120)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON COLLEGE ERP SYSTEM "** is the bonafide work carried out by **JEEVANANDHAM K (Register Number: 1813141058120), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON MOVIE RECOMMENDATION SYSTEM USING COLLABORATIVE FILTERING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KARTHICK R

(Reg. no : 1813141058121)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **KARTHICK R (Register Number: 1813141058121) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON MOVIE RECOMMENDATION SYSTEM USING COLLABORATIVE FILTERING"**. I declare that this is my original work.

karthick.

PLACE: Chennai

KARTHICK R

DATE: 01/04/2021

(Register Number: 1813141058121)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON MOVIE RECOMMENDATION SYSTEM USING COLLABORATIVE FILTERING "** is the bonafide work carried out by **KARTHICK R (Register Number: 1813141058121), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.Phil, Ph.D
Associate Professor & Head
B.Sc Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON GNC DISCORD BOT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KISHORE G

(Reg. no : 1813141058122)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **KISHORE G (Register Number: 1813141058122) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON GNC DISCORD BOT"**. I declare that this is my original work.

Kishore G

KISHORE G

(Register Number: 1813141058122)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON GNC DISCORD BOT "** is the bonafide work carried out by **KISHORE G (Register Number: 1813141058122), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON WASTE FOOD MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KISHORE V R

(Reg. no : 1813141058123)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **KISHORE V R (Register Number: 1813141058123) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON WASTE FOOD MANAGEMENT SYSTEM"**. I declare that this is my original work.

kishore .

KISHORE V R

(Register Number: 1813141058123)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON WASTE FOOD MANAGEMENT SYSTEM "** is the bonafide work carried out by **KISHORE V R (Register Number: 1813141058123), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai

A STUDY ON LEAVE MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KISHORE KUMAR N

(Reg. no : 1813141058124)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **KISHORE KUMAR N (Register Number: 1813141058124) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON LEAVE MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

KISHORE KUMAR N

(Register Number: 1813141058124)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON LEAVE MANAGEMENT SYSTEM "** is the bonafide work carried out by **KISHORE KUMAR N (Register Number: 1813141058124), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42.

A STUDY ON BUS TICKET MANAGEMENT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

KONDABOLU PAVAN MADHAV

(Reg. no : 1813141058125)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **KONDABOLU PAVAN MADHAV (Register Number: 1813141058125) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BUS TICKET MANAGEMENT"**. I declare that this is my original work.

Kondabolu Pavan Madhav

KONDABOLU PAVAN MADHAV

(Register Number: 1813141058125)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BUS TICKETMANAGEMENT"** is the bonafide work carried out by **KONDABOLU PAVAN MADHAV (Register Number: 1813141058125), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai

A STUDY ON ONLINE SOCIAL EVENT MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

LOKESH U

(Reg. no : 1813141058126)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **LOKESH U (Register Number: 1813141058126) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE SOCIAL EVENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

LOKESH U

(Register Number: 1813141058126)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE SOCIAL EVENT MANAGEMENT SYSTEM "** is the bonafide work carried out by **LOKESH U (Register Number: 1813141058126), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc Computer Science
Guru Nanak College
Velachery, Chennai-42

A STUDY ON LEARNING MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MAGESH KUMAR B

(Reg. no : 1813141058127)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **MAGESH KUMAR B (Register Number: 1813141058127) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON LEARNING MANAGEMENT SYSTEM"**. I declare that this is my original work.

Magesh Kumar.

PLACE: Chennai

DATE: 01/04/2021

MAGESH KUMAR B

(Register Number: 1813141058127)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON LEARNING MANAGEMENT SYSTEM "** is the bonafide work carried out by **MAGESH KUMAR B (Register Number: 1813141058127), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Suvendranath
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON STUDENT GRADING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

MOHAN RAO P

(Reg. no : 1813141058128)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **MOHAN RAO P (Register Number:1813141058128)III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON STUDENT GRADING SYSTEM"**. I declare that this is my original work.



MOHAN RAO P

(Register Number: 1813141058128)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON STUDENT GRADING SYSTEM "** is the bonafide work carried out by **MOHAN RAO P (Register Number: 1813141058128), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON VOICE ASSISTANT USING PYTHON

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

NITHISSH S

(Reg. no : 1813141058129)

Under the Guidance of

Ms. H. Sujatha

APRIL 2021

DECLARATION

I, **NITHISSH S (Register Number: 1813141058129) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON VOICE ASSISTANT USING PYTHON"**. I declare that this is my original work.



PLACE: Chennai

NITHISSH S

DATE: 01/04/2021

(Register Number: 1813141058129)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON VOICE ASSISTANT USING PYTHON "** is the bonafide work carried out by **NITHISSH S (Register Number: 1813141058129), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai

A STUDY ON TASK MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

NITISH P

(Reg. no : 1813141058130)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **NITISH P (Register Number: 1813141058130) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON TASK MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

NITISH P

(Register Number: 1813141058130)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON TASK MANAGEMENT SYSTEM "** is the bonafide work carried out by **NITISH P (Register Number: 1813141058130), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE BUS BOOKING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

PRAKASH K

(Reg. no : 1813141058132)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **PRAKASH K (Register Number: 1813141058132) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE BUS BOOKING SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

PRAKASH K

(Register Number: 1813141058132)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE BUS BOOKING SYSTEM "** is the bonafide work carried out by **PRAKASH K (Register Number: 1813141058132), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.A. M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON EXAM SEATING ARRANGEMENT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

PREM KUMAR K S

(Reg. no : 1813141058133)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **PREM KUMAR K S (Register Number: 1813141058133) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EXAM SEATING ARRANGEMENT"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

PREM KUMAR K S

(Register Number: 1813141058133)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EXAM SEATING ARRANGEMENT "** is the bonafide work carried out by **PREM KUMAR K S (Register Number: 1813141058133), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai-42

A STUDY ON EASY LIB

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

PUGAZHENDHI G M

(Reg. no : 1813141058134)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **PUGAZHENDHI G M (Register Number: 1813141058134) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EASY LIB"**. I declare that this is my original work.



PUGAZHENDHI G M

(Register Number: 1813141058134)

PLACE: Chennai

DATE: 01/04/2021

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EASY LIB "** is the bonafide work carried out by **PUGAZHENDHI G M (Register Number: 1813141058134), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON HOSTEL MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

RANJITH N

(Reg. no : 1813141058136)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **RANJITH N (Register Number: 1813141058136) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON HOSTEL MANAGEMENT SYSTEM"**. I declare that this is my original work.

Ranjith. N.

RANJITH N

PLACE: Chennai

DATE: 01/04/2021

(Register Number: 1813141058136)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON HOSTEL MANAGEMENT SYSTEM "**is the bonafide work carried out by **RANJITH N(Register Number: 1813141058136), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON COMPLAINT MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SANJAYKUMAR D

(Reg. no : 1813141058137)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **SANJAYKUMAR D (Register Number: 1813141058137) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON COMPLAINT MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SANJAYKUMAR D

(Register Number: 1813141058137)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON COMPLAINT MANAGEMENT SYSTEM "** is the bonafide work carried out by **SANJAYKUMAR D (Register Number: 1813141058137), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.C.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON QUIZZER (ONLINE QUIZ WEB-APPLICATION)

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SANKAR M V

(Reg. no : 1813141058138)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **SANKAR M V (Register Number: 1813141058138) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON QUIZZER (ONLINE QUIZ WEB-APPLICATION)"**. I declare that this is my original work.

Sankar. M.V.

PLACE: Chennai

SANKAR M V

DATE: 01/04/2021

(Register Number: 1813141058138)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON QUIZZER (ONLINE QUIZ WEB-APPLICATION) "** is the bonafide work carried out by **SANKAR M V (Register Number: 1813141058138), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ALUMNI TRACKING SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SANTHOSH KUMAR M

(Reg. no : 1813141058139)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **SANTHOSH KUMAR M (Register Number: 1813141058139) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ALUMNI TRACKING SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SANTHOSH KUMAR M

(Register Number: 1813141058139)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ALUMNI TRACKING SYSTEM"** is the bonafide work carried out by **SANTHOSH KUMAR M (Register Number: 1813141058139), III year B.Sc Computer Science - C** Under my guidance and supervision.

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE EXAMINATION SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SHARANKUMAR K

(Reg. no : 1813141058140)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **SHARANKUMAR K (Register Number: 1813141058140) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE EXAMINATION SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SHARANKUMAR K

(Register Number: 1813141058140)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE EXAMINATION SYSTEM "**is the bonafide work carried out by **SHARANKUMAR K (Register Number: 1813141058140), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON BUS TICKET BOOKING

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SHIJU S

(Reg. no : 1813141058142)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **SHIJU S (Register Number: 1813141058142) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON BUS TICKET BOOKING"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

Shiju S.

SHIJU S

(Register Number: 1813141058142)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON BUS TICKET BOOKING "** is the bonafide work carried out by **SHIJU S (Register Number: 1813141058142), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Suresh
Assistant Professor
B.Sc Computer Science
Guru Nanak College
Velachery Chennai

A STUDY ON ONLINE E-COMMERCE WEBSITE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SRIRAM T S

(Reg. no : 1813141058143)

Under the Guidance of

Dr. R. Rajini Surendranath

APRIL 2021

DECLARATION

I, **SRIRAM T S (Register Number: 1813141058143) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE E-COMMERCE WEBSITE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SRIRAM T S

(Register Number: 1813141058143)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE E-COMMERCE WEBSITE "** is the bonafide work carried out by **SRIRAM T S (Register Number: 1813141058143), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON STUDENTS RESULTS MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SUBRAMANIAN K

(Reg. no : 1813141058144)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **SUBRAMANIAN K (Register Number: 1813141058144) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON STUDENTS RESULTS MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SUBRAMANIAN K

(Register Number: 1813141058144)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON STUDENTS RESULTS MANAGEMENT SYSTEM "** is the bonafide work carried out by **SUBRAMANIAN K (Register Number: 1813141058144), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.A. M.Phil. Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON DAILY EXPENSE TRACKER SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

SURENDAR S

(Reg. no : 1813141058145)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **SURENDAR S (Register Number: 1813141058145) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON DAILY EXPENSE TRACKER SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

SURENDAR S

(Register Number: 1813141058145)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON DAILY EXPENSE TRACKER SYSTEM "** is the bonafide work carried out by **SURENDAR S (Register Number: 1813141058145), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON STUDENT PROFILE MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

TARUN B

(Reg. no : 1813141058146)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **TARUN B (Register Number: 1813141058146) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON STUDENT PROFILE MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

TARUN B

(Register Number: 1813141058146)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON STUDENT PROFILE MANAGEMENT SYSTEM "** is the bonafide work carried out by **TARUN B (Register Number: 1813141058146), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath
Associate Professor & Head
P.G. & Research Department of Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON HOSPITAL MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

THARUN B

(Reg. no : 1813141058147)

Under the Guidance of

Dr. R. Rajini Surendranath

APRIL 2021

DECLARATION

I, **THARUN B (Register Number: 1813141058147) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON HOSPITAL MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

THARUN B

(Register Number: 1813141058147)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON HOSPITAL MANAGEMENT SYSTEM "** is the bonafide work carried out by **THARUN B (Register Number: 1813141058147), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
P.G. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON PLAGIARISM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VETRIVEL S

(Reg. no : 1813141058148)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **VETRIVEL S (Register Number: 1813141058148) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON PLAGIARISM"**. I declare that this is my original work.

Vetrivel.S.

PLACE: Chennai

VETRIVEL S

DATE: 01/04/2021

(Register Number: 1813141058148)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON PLAGIARISM "** is the bonafide work carried out by **VETRIVEL S (Register Number: 1813141058148), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Phil Ph.D
Associate Professor & Head
B.Sc Computer Science
Guru Nanak College
Velachery, Chennai

A STUDY ON SHOPPING E-COMMERCE

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VIGNESH E

(Reg. no : 1813141058149)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **VIGNESH E (Register Number: 1813141058149) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON SHOPPING E-COMMERCE"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

VIGNESH E

(Register Number: 1813141058149)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON SHOPPING E-COMMERCE "** is the bonafide work carried out by **VIGNESH E (Register Number: 1813141058149), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, MCA, M.Phil, Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON ONLINE MOVIE TICKET BOOKING MANAGEMENT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VIGNESH M

(Reg. no : 1813141058150)

Under the Guidance of

Mrs. M. Lavanya

APRIL 2021

DECLARATION

I, **VIGNESH M (Register Number: 1813141058150) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE MOVIE TICKET BOOKING MANAGEMENT"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

VIGNESH M

(Register Number: 1813141058150)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE MOVIE TICKET BOOKING MANAGEMENT "** is the bonafide work carried out by **VIGNESH M (Register Number: 1813141058150), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr.R.Rajini Suriyakala, M.Sc., M.Phil., B.Ed.
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON TEACHER RECORD MANAGEMENT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VINASH J

(Reg. no : 1813141058151)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **VINASH J (Register Number: 1813141058151) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON TEACHER RECORD MANAGEMENT"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

vinash J.

VINASH J

(Register Number: 1813141058151)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON TEACHER RECORD MANAGEMENT "** is the bonafide work carried out by **VINASH J (Register Number: 1813141058151), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.A., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai-42

A STUDY ON PNEUMONIA PREDICTION

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VISHWA KUMAR P

(Reg. no : 1813141058152)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **VISHWA KUMAR P (Register Number: 1813141058152) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON PNEUMONIA PREDICTION"**. I declare that this is my original work.

vishwa kumar.P.

PLACE: Chennai

DATE: 01/04/2021

VISHWA KUMAR P

(Register Number: 1813141058152)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON PNEUMONIA PREDICTION "** is the bonafide work carried out by **VISHWA KUMAR P (Register Number: 1813141058152), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON CYBER CAFE MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

YADHAVCHANDAR R

(Reg. no : 1813141058153)

Under the Guidance of

Dr. R. Rajini Surendranath

APRIL 2021

DECLARATION

I, **YADHAVCHANDAR R (Register Number: 1813141058153) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CYBER CAFE MANAGEMENT SYSTEM"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

YADHAVCHANDAR R

(Register Number: 1813141058153)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CYBER CAFE MANAGEMENT SYSTEM "** is the bonafide work carried out by **YADHAVCHANDAR R (Register Number: 1813141058153), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.A., M.Phil., Ph.D.
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON STUDENT MANAGEMENT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF COMPUTER SCIENCE

Submitted by

YOGESH G K

(Reg. no : 1813141058154)

Under the Guidance of

G. Vijayalakshmi Balaji

APRIL 2021

DECLARATION

I, **YOGESH G K (Register Number: 1813141058154) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON STUDENT MANAGEMENT"**. I declare that this is my original work.

PLACE: Chennai

DATE: 01/04/2021

YOGESH G K

(Register Number: 1813141058154)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON STUDENT MANAGEMENT"** is the bonafide work carried out by **YOGESH G K (Register Number: 1813141058154),III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath M.A., M.Phil., Ph.D.
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai - 42

A STUDY ON TRAVEL MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

AVINASH S

(Reg. no : 1813141058155)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **AVINASH S (Register Number: 1813141058155) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON TRAVEL MANAGEMENT SYSTEM"**. I declare that this is my original work.

Avinash.S

PLACE: Chennai

AVINASH S

DATE: 01/04/2021

(Register Number: 1813141058155)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON TRAVEL MANAGEMENT SYSTEM"** is the bonafide work carried out by **AVINASH S (Register Number: 1813141058155), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath, M.Sc., M.Phil., Ph.D
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai-42

A STUDY ON EVENT MANAGEMENT SYSTEM

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF COMPUTER SCIENCE

Submitted by

VIJAYAKUMAR P

(Reg. no : 1813141058156)

Under the Guidance of

Mrs. K. Gowri

APRIL 2021

DECLARATION

I, **VIJAYAKUMAR P (Register Number: 1813141058156) III year B.Sc Computer Science - C** Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EVENT MANAGEMENT SYSTEM"**. I declare that this is my original work.

Vijay kumar.

PLACE: Chennai

VIJAYAKUMAR P

DATE: 01/04/2021

(Register Number: 1813141058156)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EVENT MANAGEMENT SYSTEM "** is the bonafide work carried out by **VIJAYAKUMAR P (Register Number: 1813141058156), III year B.Sc Computer Science - C** Under my guidance and supervision .

Signature of Project Guide

Signature of Head of the Department

Dr. R.Rajini Surendranath
Associate Professor & Head
B.Sc. Computer Science
Guru Nanak College
Velachery, Chennai-42

A STUDY ON CUSTOMER SATISFACTION TOWARDS TVS TWO WHEELERS

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

ROHITH SUSHEEL KUMAR S (REG. NO. 2013141044047)

DHAMODHARAN S (REG. NO. 2013141044012)

PRINCE EBENEZER G (REG. NO. 2013141044041)

Under the Guidance of

Ms. R. CAROLINE KALAISELVI
MCA, M. Tech (IT), M.Phil., SET

MAY 2021

DECLARATION

We, **ROHITH SUSHEEL KUMAR S (REG. NO. 2013141044047), DHAMODHARAN S (REG. NO. 2013141044012), PRINCE EBENEZER G (REG. NO. 2013141044041), 2021,** Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CUSTOMER SATISFACTION TOWARDS TVS TWO WHEELERS"**. I declare that This is my original work.

PLACE: CHENNAI **Name of the Student**

DATE: 10.05.2021

ROHITH SUSHEEL KUMAR S (REG. NO. 2013141044047)

DHAMODHARAN S (REG. NO. 2013141044012) S. Dhamo.

PRINCE EBENEZER G (REG. NO. 2013141044041)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CUSTOMER SATISFACTION TOWARDS TVS TWO WHEELERS"** Is the bonafide work carried out **ROHITH SUSHEEL KUMAR S (REG. NO. 2013141044047), DHAMODHARAN S (REG. NO. 2013141044012), PRINCE EBENEZER G (REG. NO. 2013141044041),** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

Signature of Project Guide

Signature of Head of the Department

A STUDY ON CUSTOMER BEHAVIOUR TOWARDS HOME APPLIANCES

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

SANJAY J (REG. NO. 2013141044053)

ROBIN ISSAC (REG. NO. 2013141044046)

DINESHKUMAR V (REG. NO. 2013141044014)

Under the Guidance of

Ms. R. CAROLINE KALAISELVI
MCA, M. Tech (IT), M.PhiL., SET

MAY 2021

DECLARATION

We, **SANJAY J (REG. NO. 2013141044053) ROBIN ISSAC (REG. NO. 2013141044046), DINESHKUMAR V (REG. NO. 2013141044014), 2021,** Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CUSTOMER BEHAVIOUR TOWARDS HOME APPLIANCES"**. I declare that This is my original work.

PLACE: Chennai

Name of the Student

DATE: 8-5-2021

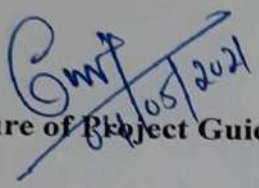
SANJAY J (REG. NO. 2013141044053) Sanjay J.

ROBIN ISSAC (REG. NO. 2013141044046)

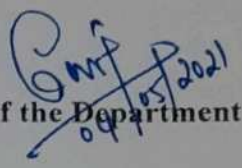
DINESHKUMAR V (REG. NO. 2013141044014) V. Dinesh

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CUSTOMER BEHAVIOUR TOWARDS HOME APPLIANCES"** Is the bonafide work carried out **SANJAY J (REG. NO. 2013141044053) ROBIN ISSAC (REG. NO. 2013141044046), DINESHKUMAR V (REG. NO. 2013141044014),** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision



Signature of Project Guide



Signature of Head of the Department

A STUDY ON STRESS MANAGEMENT OF NURSES AT PRIVATE HOSPITAL

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

ARJUN KARTHIK G (REG. NO. 2013141044005)

HAYAGRIVA P (REG. NO. 2013141044019)

UMA MAHESWARI G (REG. NO. 2013141044066)

Under the Guidance of

Ms. R. CAROLINE KALAISELVI
MCA, M. Tech (IT), M.Phil., SET

MAY 2021

DECLARATION

We, **ARJUN KARTHIK G (REG. NO. 2013141044005),HAYAGRIVA P (REG. NO. 2013141044019), UMA MAHESWARI G (REG. NO. 2013141044066)**, 2021, Department of B.Com Information System Management, Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON STRESS MANAGEMENT OF NURSES AT PRIVATE HOSPITAL"**. I declare that This is my original work.

PLACE: Chennai

Name of the Student

DATE: 14.05.2021

ARJUN KARTHIK G (REG. NO. 2013141044005) Karthik.

HAYAGRIVA P (REG. NO. 2013141044019) P. Hayagriva

UMA MAHESWARI G (REG. NO. 2013141044066) G. Umamaheswari

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON STRESS MANAGEMENT OF NURSES AT PRIVATE HOSPITAL"** Is the bonafide work carried out ARJUN **KARTHIK G (REG. NO. 2013141044005), HAYAGRIVA P (REG. NO. 2013141044019), UMA MAHESWARI G (REG. NO. 2013141044066),** 2021 Department of B.Com Information System Management, Under my Guidance and supervision

Signature of Project Guide

Signature of Head of the Department

A STUDY ON JOB SATISFACTION OF EMPLOYEES AT HOTEL INDUSTRY

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

BALA VIGNESH V (REG. NO. 2013141044007)

SUDHAKAR P (REG. NO. 2013141044061)

HARISH B (REG. NO. 2013141044017)

Under the Guidance of

Ms. R. CAROLINE KALAISELVI
MCA, M. Tech (IT), M.Phil., SET

MAY 2021

DECLARATION

We, **BALA VIGNESH V (REG. NO. 2013141044007), SUDHAKAR P (REG. NO. 2013141044061), HARISH B (REG. NO. 2013141044017),** 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON JOB SATISFACTION OF EMPLOYEES AT HOTEL INDUSTRY".** I declare that This is my original work.

PLACE: CHENNAI

Name of the Student

DATE: 4/5/2021

BALA VIGNESH V (REG. NO. 2013141044007) Balavignesh.V

SUDHAKAR P (REG. NO. 2013141044061) P.Sudhakar.

HARISH B (REG. NO. 2013141044017) B.Harish

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON JOB SATISFACTION OF EMPLOYEES AT HOTEL INDUSTRY"** Is the bonafide work carried **BALA VIGNESH V (REG. NO. 2013141044007), SUDHAKAR P (REG. NO. 2013141044061), HARISH B (REG. NO. 2013141044017),** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

04/05/2021

Signature of Project Guide

04/05/2021

Signature of Head of the Department

A STUDY ON TRAINING AND DEVELOPMENT OF EMPLOYEES AT SMALL SCALE INDUSTRY

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

KISHORE K (REG. NO. 2013141044027)

PRAVEEN KUMAR M (REG. NO. 2013141044039)

LOKESH V (REG. NO. 2013141044030)

Under the Guidance of

Ms. R. CAROLINE KALAISELVI
MCA, M. Tech (IT), M.Phil., SET

MAY 2021

DECLARATION

We, **KISHORE K (REG. NO. 2013141044027), PRAVEEN KUMAR M (REG. NO. 2013141044039), LOKESH V (REG. NO. 2013141044030)** , 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON TRAINING AND DEVELOPMENT OF EMPLOYEES AT SMALL SCALE INDUSTRY".** I declare that This is my original work.

PLACE: Chennai **Name of the Student**

DATE: 10/5/2021

KISHORE K (REG. NO. 2013141044027)

PRAVEEN KUMAR M (REG. NO. 2013141044039)

LOKESH V (REG. NO. 2013141044030)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON TRAINING AND DEVELOPMENT OF EMPLOYEES AT SMALL SCALE INDUSTRY"**. Is the bonafide work carried **KISHORE K (REG. NO. 2013141044027), PRAVEEN KUMAR M (REG. NO. 2013141044039), LOKESH V (REG. NO. 2013141044030),** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

Signature of Project Guide

Signature of Head of the Department

A STUDY ON EMPLOYEE MORALE AT TELECOM INDUSTRY

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

PRASANTH E (REG. No. 2013141044038)

SANJAI SUBRAMANIAN A R (REG. No. 2013141044051)

DEBISH D (REG. No. 2013141044009)

Under the Guidance of

Ms. SHEEBA.
M. Com., M.Ed., M.Phil

MAY 2021

DECLARATION

We, **PRASANTH E (REG. No. 2013141044038), SANJAI SUBRAMANIAN AR (REG. No. 2013141044051), DEBISH D (REG. No. 2013141044009)** MAY 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EMPLOYEE MORALE AT TELECOM INDUSTRY"**. I declare that This is my original work.

PLACE: Chennai

DATE: 14/5/21

Name of the Student

PRASANTH E (REG. No. 2013141044038)

SANJAI SUBRAMANIAN A R (REG. No. 2013141044051)

DEBISH D (REG. No. 2013141044009)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EMPLOYEE MORALE AT TELECOM INDUSTRY"** Is the bonafide work carried out by, **PRASANTH E (REG. No. 2013141044038), SANJAI SUBRAMANIAN AR (REG. No. 2013141044051), DEBISH D (REG. No. 2013141044009)** MAY 2021, Department of B.Com (Information System Management), Under my Guidance and supervision

14/5/2021

Signature of Project Guide

14/05/2021

Signature of Head of the Department

A STUDY ON EMPLOYEE ILFARE AT AUTOMOBILE SECTOR

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

YOKESHWARAN T (REG. No. 2013141044069)

RITHIKA R (REG. No. 2013141044045)

SAKTHI SARAVANAN A (REG. No. 2013141044050)

Under the Guidance of

Ms. SHEEBA.
M. Com., M.Ed., M.Phil

MAY 2021

DECLARATION

We, **YOKESHWARAN T (REG. No. 2013141044069) RITHIKA R (REG. No. 2013141044045) SAKTHI SARAVANAN A (REG. No. 2013141044050)** MAY 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EMPLOYEE ILFARE AT AUTOMOBILE SECTOR"**. I declare that This is my original work.

PLACE: Chennai

DATE: 7/5/2021

Name of the Student

YOKESHWARAN T (REG. No. 2013141044069)

RITHIKA R (REG. No. 2013141044045)

SAKTHI SARAVANAN A (REG. No. 2013141044050)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EMPLOYEE ILFARE AT AUTOMOBILE SECTOR"** Is the bonafide work carried out by **YOKESHWARAN T (REG. No. 2013141044069) RITHIKA R (REG. No. 2013141044045) SAKTHI SARAVANAN A (REG. No. 2013141044050)** MAY 2021, Department of B.Com (Information System Management), Under my Guidance and supervision

M. 07/5/2021

Signature of Project Guide

07/05/2021

Signature of Head of the Department

A STUDY ON RECRUITMENT POLICY AT BPO INDUSTRY

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

JAYARAMAN R (REG. No. 2013141044020)

KOWSHIK A (REG. No. 2013141044028)

VIGNESH M R(REG. No. 2013141044067)

Under the Guidance of

Ms. SHEEBA.
M. Com., M.Ed., M.Phil

MAY 2021

DECLARATION

We, **JAYARAMAN R (REG. No. 2013141044020), KOWSHIK A (REG. No. 2013141044028), VIGNESH M R(REG. No. 2013141044067)** MAY 2021, Department of B.Com (InformatIon System Management), Student of Guru Nanak College (Autonomous), has done a project report on the tItle **"A STUDY ON RECRUITMENT POLICY AT BPO INDUSTRY"**. I declare that This is my orIgInal work.

PLACE: CHENNAI

DATE: 28.04.2021

Name of the Student

JAYARAMAN R (REG. No. 2013141044020)

KOWSHIK A (REG. No. 2013141044028)

VIGNESH M R(REG. No. 2013141044067)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON RECRUITMENT POLICY AT BPO INDUSTRY"** Is the bonafide work carried out by **JAYARAMAN R (REG. No. 2013141044020), KOWSHIK A (REG. No. 2013141044028), VIGNESH M R(REG. No. 2013141044067)** MAY 2021, Department of B.Com (Information System Management), Under my Guidance and supervision

28/4/2021

Signature of Project Guide

28/04/2021

Signature of Head of the Department

A STUDY ON EMPLOYEE PERCEPTION ON HR POLICIES AT IT INDUSTRY

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

RONAK A (REG. No. 2013141044048)

SRIMAN K (REG. No. 2013141044058)

RITHICK S (REG. No. 2013141044044)

Under the Guidance of

Ms. SHEEBA.
M. Com., M.Ed., M.Phil

MAY 2021

DECLARATION

We, **RONAK A (REG. No. 2013141044048)**, **SRIMAN K (REG. No. 2013141044058)**, **RITHICK S (REG. No. 2013141044044)** MAY 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EMPLOYEE PERCEPTION ON HR POLICIES AT IT INDUSTRY"**. I declare that This is my original work.

PLACE: Chennai

DATE: 08/5/2021

Name of the Student

RONAK A (REG. No. 2013141044048) Ronak

SRIMAN K (REG. No. 2013141044058) Sriman

RITHICK S (REG. No. 2013141044044) Rithick

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EMPLOYEE PERCEPTION ON HR POLICIES AT IT INDUSTRY"** Is the bonafide work carried out by **RONAK A (REG. No. 2013141044048), SRIMAN K (REG. No. 2013141044058), RITHICK S (REG. No. 2013141044044)** MAY 2021, Department of B.Com (Information System Management), Under my Guidance and supervision

8/5/2021

Signature of Project Guide

08/05/2021

Signature of Head of the Department

A STUDY ON SERVICE QUALITY DIMENSION AT IT INDUSTRY

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

HARISH KUMAR G (REG. No. 2013141044018)
DINESH A (REG. No. 2013141044013)
ROOPESH V K (REG. No. 2013141044049)

Under the Guidance of

Ms. SHEEBA.
M. Com., M.Ed., M.Phil

MAY 2021

DECLARATION

We, **HARISH KUMAR G (REG. No. 2013141044018) DINESH A (REG. No. 2013141044013) ROOPESH V K (REG. No. 2013141044049)** MAY 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON SERVICE QUALITY DIMENSION AT IT INDUSTRY"**. I declare that This is my original work.

PLACE: CHENNAI

DATE: 08/05/2021

Name of the Student

HARISH KUMAR G (REG. No. 2013141044018) G. Harishkumar

DINESH A (REG. No. 2013141044013)

ROOPESH V K (REG. No. 2013141044049)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON SERVICE QUALITY DIMENSION AT IT INDUSTRY"** Is the bonafide work carried out by **HARISH KUMAR G (REG. No. 2013141044018) DINESH A (REG. No. 2013141044013) ROOPESH V K (REG. No. 2013141044049)** MAY 2021, Department of B.Com (Information System Management), Under my Guidance and supervision

8/5/2021

Signature of Project Guide

08/05/2021

Signature of Head of the Department

A STUDY ON EVALUATION OF ACADEMIC REPORT

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

KRISHNA KUMAR V (REG. NO. 2013141044029)

MANISH ANAND B (REG. NO. 2013141044031)

DEVARAM S R (REG. NO. 2013141044010)

Under the Guidance of

Ms. G.LAKSHMI
M.SC IT., M.Phil.,

MAY 2021

DECLARATION

We, **KRISHNA KUMAR V (REG. NO. 2013141044029), MANISH ANAND B (REG. NO. 2013141044031), DEVARAM S R (REG. NO. 2013141044010),** 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EVALUATION OF ACADEMIC REPORT ".** I declare that This is my original work.

PLACE: CHENNAI

Name of the Student

DATE: 10/05/2021

KRISHNA KUMAR V (REG. NO. 2013141044029) V. Kj Kj

MANISH ANAND B (REG. NO. 2013141044031) B. Manish

DEVARAM S R (REG. NO. 2013141044010) Devaram S.R.

BONAFIDE CERTIFICATE

This is to certify that project Report entitled "**A STUDY ON EVALUATION OF ACADEMIC REPORT**". Is the bonafide work carried **KRISHNA KUMAR V (REG. NO. 20131410440291), MANISH ANAND B (REG. NO. 20131410440311), DEVARAM S R (REG. NO. 20131410440101,** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

10/5/2021

Signature of Project Guide

10/05/2021

Signature of Head of the Department

A STUDY ON ONLINE AUTION SYSTEM

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

KARTHIGEYAN S (REG. NO. 2013141044025)

THARUN M V (REG. NO. 2013141044063)

ANUCIYA S (REG. NO. 2013141044003)

Under the Guidance of

Ms. G.LAKSHMI
M.SC IT., M.Phil.,

MAY 2021

DECLARATION

We, **KARTHIGEYAN S (REG. NO. 2013141044025), THARUN M V (REG. NO. 2013141044063), ANUCIYA S (REG. NO. 2013141044003),** 2021. Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON ONLINE AUTION SYSTEM"**. I declare that This is my original work.

PLACE: Chennai **Name of the Student**

DATE: 15/05/2021

KARTHIGEYAN S (REG. NO. 2013141044025) S. Karthi

THARUN M V (REG. NO. 2013141044063) M. V Tharun

ANUCIYA S (REG. NO. 2013141044003) S. Anuciya

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON ONLINE AUTION SYSTEM"**. Is the bonafide work carried **KARTHIGEYAN S (REG. NO. 2013141044025), THARUN M V (REG. NO. 2013141044063), ANUCIYA S (REG. NO. 2013141044003),** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

15/5/2021

Signature of Project Guide

15/05/2021

Signature of Head of the Department

A STUDY ON TYPES OF SEARCH ENGINE

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

BRISILLA ANNIE MARY V (REG. 2013141044008)

STEEPHAN A (REG. 2013141044060)

VIGNESH V (REG. 2013141044068)

Under the Guidance of

Ms. G.LAKSHMI
M.SC IT., M.Phil.,

MAY 2021

DECLARATION

We, **BRISILLA ANNIE MARY V (REG. 2013141044008), STEEPHAN A (REG. 2013141044060), VIGNESH V (REG. 2013141044068),** 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON TYPES OF SEARCH ENGINE".** I declare that This is my original work.

PLACE: Chennai

Name of the Student

DATE: 21 - 05 - 2021

BRISILLA ANNIE MARY V (REG. 2013141044008) V. Brisilla Annie Mary.

STEEPHAN A (REG. 2013141044060) A. Steephan

VIGNESH V (REG. 2013141044068) V. Vignesh

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON TYPES OF SEARCH ENGINE"**. Is the bonafide work carried **BRISILLA ANNIE MARY V (REG. 2013141044008), STEEPHAN A (REG. 2013141044060), VIGNESH V (REG. 2013141044068),** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

21/5/2021

Signature of Project Guide

21/05/2021

Signature of Head of the Department

A STUDY ON LIBRARY MANAGEMENT SYSTEM

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

PREETHAM C (REG. NO. 2013141044040)

ANTONY BABU K (REG. NO. 2013141044002)

KANNAN P (REG. NO. 2013141044024)

Under the Guidance of

Ms. G.LAKSHMI
M.SC IT., M.Phil.,

MAY 2021

DECLARATION

We, **PREETHAM C (REG. NO. 2013141044040), ANTONY BABU K (REG. NO. 2013141044002), KANNAN P (REG. NO. 2013141044024),** 2021. Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON LIBRARY MANAGEMENT SYSTEM"**. I declare that This is my original work.

PLACE: Chennai

Name of the Student

DATE: 18/05/2021

PREETHAM C (REG. NO. 2013141044040) C. Preetham

ANTONY BABU K (REG. NO. 2013141044002) K. Antony Babu

KANNAN P (REG. NO. 2013141044024)

P. Kannan

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON LIBRARY MANAGEMENT SYSTEM".** Is the bonafide work carried **PREETHAM C (REG. NO. 2013141044040), ANTONY BABU K (REG. NO. 2013141044002), KANNAN P (REG. NO. 2013141044024),** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

18/5/2021

Signature of Project Guide

18/05/2021

Signature of Head of the Department

A STUDY ON EXIT INTERVIEW AT IT

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

KAUSHIK B (REG. NO. 2013141044026)

SARATH V (REG. NO. 2013141044054)

RAJIV KRISHNA L S (REG. NO. 2013141044043)

Under the Guidance of

Ms. G.LAKSHMI
M.SC IT., M.Phil.,

MAY 2021

DECLARATION

We. **KAUSHIK B (REG. NO. 2013141044026), SARATH V (REG. NO. 2013141044054), RAJIV KRISHNA L S (REG. NO. 2013141044043),** 2021. Department of B.Com (Information System Management). Student of Guru Nanak College (Autonomous). has done a project report on the title **"A STUDY ON EXIT INTERVIEW AT IT".** I declare that This is my original work.

PLACE: CHENNAI **Name of the Student**

DATE: 8/5/2021

KAUSHIK B (REG. NO. 2013141044026) B. Kaushik

SARATH V (REG. NO. 2013141044054) V. Sarath

RAJIV KRISHNA L S (REG. NO. 2013141044043) Rajiv Krishna

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EXIT INTERVIEW AT IT".** Is the bonafide work carried **KAUSHIK B (REG. NO. 2013141044026), SARATH V (REG. NO. 2013141044054),RAJIV KRISHNA L S (REG. NO. 2013141044043),** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

8/5/2021

Signature of Project Guide

08/05/2021

Signature of Head of the Department

A STUDY ON MENTAL HEALTH TRACKER

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

SEKARRAJ C (REG. NO 2013141044055)

GANESHBALAJI N (REG. NO 013141044015)

GOUTHAM S (REG. NO 2013141044016)

Under the Guidance of

Ms. G.LAKSHMI
M.SC IT., M.Phil.,

MAY 2021

DECLARATION

We, **SEKARRAJ C (REG. NO 2013141044055), GANESHBALAJI N (REG. NO 013141044015), GOUTHAM S (REG. NO 2013141044016),** 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON MENTAL HEALTH TRACKER".** I declare that This is my original work.

PLACE: Chennai

Name of the Student

DATE: 8.5.21

SEKARRAJ C (REG. NO 2013141044055)

GANESHBALAJI N (REG. NO 013141044015)

GOUTHAM S (REG. NO 2013141044016)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON MENTAL HEALTH TRACKER".** Is the bonafide work carried **(REG. NO 2013141044055), GANESHBALAJI N (REG. NO 013141044015), GOUTHAM S (REG. NO 2013141044016),** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

8/5/2021

Signature of Project Guide

08/05/2021

Signature of Head of the Department

A STUDY ON EFFECTIVENESS OF TRAINING AT BPO INDUSTRY

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042



DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

SHEEBA CHRISTINA S (REG. NO. 2013141044056)

NANDHA KUMAR K (REG. NO. 2013141044035)

RAJ N (REG. NO. 2013141044042)

Under the Guidance of

Ms. S.SENTHIL SELVI
M.SC IT., M.PhiL.,

MAY 2021

DECLARATION

We, **SHEEBA CHRISTINA S (REG. NO. 2013141044056), NANDHA KUMAR K (REG. NO. 2013141044035), RAJ N (REG. NO. 2013141044042),** 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EFFECTIVENESS OF TRAINING AT BPO INDUSTRY".** I declare that This is my original work.

PLACE: Chennai

Name of the Student

DATE: 4-5-2021

SHEEBA CHRISTINA S (REG. NO. 2013141044056) Sheeba

NANDHA KUMAR K (REG. NO. 2013141044035) R. NandhaKumar

RAJ N (REG. NO. 2013141044042) N Raj

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EFFECTIVENESS OF TRAINING AT BPO INDUSTRY"**, Is the bonafide work carried , **SHEEBA CHRISTINA S (REG. NO. 2013141044056), NANDHA KUMAR K (REG. NO. 2013141044035), RAJ N (REG. NO. 2013141044042),** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

Signature of Project Guide

Signature of Head of the Department

A STUDY ON CORPORATE SOCIAL RESPONSIBILITY AT IT INDUSTRY

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

DEVENDAR M (REG. NO. 2013141044011)

JEEVA JOTHI S (REG. NO. 2013141044021)

NAVEEN KUMAR S (REG. NO. 2013141044036)

Under the Guidance of

Ms. S.Senthil Selvi
MCA M.Phil

MAY 2021

DECLARATION

We, **DEVENDAR M (REG. NO. 2013141044011), JEEVA JOTHI S (REG. NO. 2013141044021), NAVEEN KUMAR S (REG. NO. 2013141044036)** 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON CORPORATE SOCIAL RESPONSIBILITY AT IT INDUSTRY"**. I declare that This is my original work

PLACE: Chennai

Name of the Student

DATE: 18/5/2021

DEVENDAR M (REG. NO. 2013141044011) M. Devendar

JEEVA JOTHI S (REG. NO. 2013141044021) S Jeevajothi

NAVEEN KUMAR S (REG. NO. 2013141044036) S. Naveen Kumar

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON CORPORATE SOCIAL RESPONSIBILITY AT IT INDUSTRY".** Is the bonafide work carried **DEVENDAR M (REG. NO. 2013141044011), JEEVA JOTHI S (REG. NO. 2013141044021), NAVEEN KUMAR S (REG. NO. 2013141044036),** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

Senthil Selvi 18/5/2021

Signature of Project Guide

18/05/2021

Signature of Head of the Department

A STUDY ON EMPLOYEE RETENTION AT HOTEL INDUSTRY

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

YUVARAJ S (REG. NO 2013141044070)

ARAVIND S (REG. NO 2013141044004)

ASWINKUMAR S (REG. NO 2013141044006)

Under the Guidance of

Ms. Senthil Selvi
MCA., M.Phil.

MAY 2021

DECLARATION

We, **YUVARAJ S (REG. NO 2013141044070), ARAVIND S (REG. NO 2013141044004)ASWINKUMAR S (REG. NO 2013141044006,** 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EMPLOYEE RETENTION AT HOTEL INDUSTRY".** I declare that This is my original work.

PLACE: Chennai

Name of the Student

DATE: 18/5/21

YUVARAJ S (REG. NO 2013141044070)

ARAVIND S (REG. NO 2013141044004)

ASWINKUMAR S (REG. NO 2013141044006)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON MENTAL HEALTH TRACKER"**. Is the bonafide work carried **YUVARAJ S (REG. NO 2013141044070), ARAVIND S (REG. NO 2013141044004)ASWINKUMAR S (REG. NO 2013141044006,** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

Senthil Selvi
18/5/2021

Signature of Project Guide

18/05/2021

Signature of Head of the Department

A STUDY ON EMPLOYEE RETENTION AT BPO INDUSTRY

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

SRIRUBAN S (REG. NO. 2013141044059)

PRASANNA HARI P (REG. NO. 2013141044037)

SRIKANDAN S (REG. NO. 2013141044057)

Under the Guidance of

Ms. Senthil Selvi
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MAY 2021

DECLARATION

We, **SRIRUBAN S (REG. NO. 2013141044059), PRASANNA HARI P (REG. NO. 2013141044037), SRIKANDAN S (REG. NO. 2013141044057)**2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EMPLOYEE RETENTION AT BPO INDUSTRY"**. I declare that This is my original work.

PLACE: Chennai

Name of the Student

DATE: 05.05.2021

SRIRUBAN S (REG. NO. 2013141044059)

PRASANNA HARI P (REG. NO. 2013141044037)

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This is to certify that project Report entitled **"A STUDY ON EMPLOYEE RETENTION AT BPO INDUSTRY"**. Is the bonafide work carried **SRIRUBAN S (REG. NO. 2013141044059), PRASANNA HARI P (REG. NO. 2013141044037), SRIKANDAN S (REG. NO. 2013141044057),** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

Senthil Selvi 5/5/2021

Signature of Project Guide

05/05/2021

Signature of Head of the Department

A STUDY ON FACTOR INFLUENCING EMPLOYEE ENGAGEMENT AT MANUFACTURING INDUSTRY

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

ANANDHAN A (REG. NO 2013141044001)

SANJAY G S (REG. NO 2013141044052)

JEEVA S (REG. NO 2013141044022)

Under the Guidance of

Ms. S.SENTHIL SELVI
M.SC IT., M.PhiL.,

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DECLARATION

We, **ANANDHAN A (REG. NO 2013141044001), SANJAY G S (REG. NO 2013141044052), JEEVA S (REG. NO 2013141044022),** 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON FACTOR INFLUENCING EMPLOYEE ENGAGEMENT AT MANUFACTURING INDUSTRY"**. I declare that This is my original work.

PLACE: Chennai

Name of the Student

DATE: 8/5/21

ANANDHAN A (REG. NO 2013141044001) A. Anandhan

SANJAY G S (REG. NO 2013141044052) G.S. Sanjay

JEEVA S (REG. NO 2013141044022) S. Jeeva.

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This is to certify that project Report entitled **"A STUDY ON FACTOR INFLUENCING EMPLOYEE ENGAGEMENT AT MANUFACTURING INDUSTRY".** Is the bonafide work carried **ANANDHAN A (REG. NO 2013141044001), SANJAY G S (REG. NO 2013141044052), JEEVA S (REG. NO 2013141044022),** 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

Senthil Selvi
8/5/2021

Signature of Project Guide

08/05/2021

Signature of Head of the Department

A STUDY ON EMPLOYEE ABSENTEEISM AT STEEL INDUSTRY

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

THOMAS SIMON RONISH B (REG. NO 2013141044064)

MOHAMMAD ABZAL FASIM K A (REG. NO 2013141044032)

UGENDREN B (REG. NO 2013141044065)

Under the Guidance of

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MCA., M.PhiL

MAY 2021

DECLARATION

We, THOMAS SIMON RONISH B (REG. NO 2013141044064),MOHAMMAD ABZAL FASIM K A (REG. NO 2013141044032), UGENDREN B (REG. NO 2013141044065), 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON EMPLOYEE ABSENTEEISM AT STEEL INDUSTRY".** I declare that This is my original work.

PLACE: Chennai

Name of the Student

DATE: 16/05/2021

THOMAS SIMON RONISH B (REG. NO 2013141044064) Thomas. B

MOHAMMAD ABZAL FASIM K A (REG. NO 2013141044032) K.A. Abzal Fasim

UGENDREN B (REG. NO 2013141044065) Ugendren. B

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON EMPLOYEE ABSENTEEISM AT STEEL INDUSTRY"**. Is the bonafide work carried **(THOMAS SIMON RONISH B (REG. NO 2013141044064),MOHAMMAD ABZAL FASIM K A (REG. NO 2013141044032), UGENDREN B (REG. NO 2013141044065)**, 2021 Department of B.Com (Information System Management), Under my Guidance and supervision

Senthil Selvi 16/5/2021

Signature of Project Guide

16/5/2021

Signature of Head of the Department

A STUDY ON QUALITY OF WORKLIFE AT TWOWHEELERS SHOWROOMS

SUMMER PROJECT REPORT

Submitted to

GURU NANAK COLLEGE (AUTONOMOUS)

VELACHERY, CHENNAI 600042

DEPARTMENT OF B.COM (INFORMATION SYSTEM MANAGEMENT)

Submitted by

SURYA NARAYANAN V (REG. NO. 2013141044062)

MUGESH KANNA S (REG. NO. 2013141044034)

JOSHITH KIRAN L (REG. NO. 2013141044023)

MOHITH B (REG. NO. 2013141044033)

Under the Guidance of

Ms. Senthil Selvi
MCA., M.Phil.

MAY 2021

DECLARATION

We, **SURYA NARAYANAN V (REG. NO. 2013141044062), MUGESH KANNA S (REG. NO. 2013141044034), JOSHITH KIRAN L (REG. NO. 2013141044023), MOHITH B (REG. NO. 2013141044033),** 2021, Department of B.Com (Information System Management), Student of Guru Nanak College (Autonomous), has done a project report on the title **"A STUDY ON QUALITY OF WORKLIFE AT TWOWHEELERS SHOWROOMS".** I declare that This is my original work.

PLACE: CHENNAI

Name of the Student

DATE: 8/05/2021

SURYA NARAYANAN V (REG. NO. 2013141044062)

MUGESH KANNA S (REG. NO. 2013141044034)

JOSHITH KIRAN L (REG. NO. 2013141044023)

MOHITH B (REG. NO. 2013141044033)

BONAFIDE CERTIFICATE

This is to certify that project Report entitled **"A STUDY ON QUALITY OF WORKLIFE AT TWOWHEELERS SHOWROOMS".** Is the bonafide work carried **SURYA NARAYANAN V (REG. NO. 2013141044062), MUGESH KANNA S (REG. NO. 2013141044034), JOSHITH KIRAN L (REG. NO. 2013141044023),MOHITH B (REG. NO. 2013141044033),**2021 Department of B.Com (Information System Management), Under my Guidance and supervision

Senthil Selvi
8/5/2021

Signature of Project Guide

08/05/2021

Signature of Head of the Department

ANDROID WOMEN'S SAFETY APP

MINI PROJECT REPORT

Submitted by

AISHWARYA B
REG NO: 2013143037001

Under the guidance of

MS. S. NIRMALA DEVI, MCA., M.Phil.

Associate Professor & Head, Dean – School Of IT.



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

APRIL – 2021

DEPARTMENT OF MASTER OF COMPUTERAPPLICATIONS

GURU NANAK COLLEGE(Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

This is to certify that, this is a bonafide record of work done by **AISHWARYA B** with Register No **20131143037001**in M ni Project during the Academic Year 2020-2021.

Project Guide

Head oftheDepartment&Dean IT

GURU NANAK COLLEGE * DEPARTMENT OF MCA * (AUTONOMOUS)

DEPARTMENT OF MASTER OF COMPUTERAPPLICATIONS

GURU NANAK COLLEGE(Autonomous)

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Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **ANDROID WOMEN'S SAFETY APP**Submitted is a result of a Bonafide work carried out by **AISHWARYA B**during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 22/04/2021

DEPARTMENT OF MASTER OF COMPUTERAPPLICATIONS

GURU NANAK COLLEGE(Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **AISHWARYA B** Reg. No: **2013143037001**MCA student, hereby declare that the Mini Project Report entitled, **ANDROID WOMEN'S SAFETY APP**is the original work carried out by me under the supervision of **Ms. S. NIRMALA DEVI, MCA., M.Phil.,**

Place:Chennai

Date: 22/04/2021

Sincerely,

B. Aishwarya

ANDROID WOMEN'S SAFETY APP

ABSTRACT

In today's world, people using smart phones have increased rapidly and hence, a smart phone can be used efficiently for personal security or various other protection purposes. The heinous incident that outraged the entire nation have waken us to go for the safety issues and so a host of new apps have been developed to provide security systems to women via their phones. This Android Application for the Safety of Women and this app can be activated this app by a single click, whenever need arises. A single click on this app identifies the location of place through GPS and sends a message comprising this location URL to the registered contacts and also call on the first registered contact to help the one in dangerous situations. The unique feature of this application is to send the message to the registered contacts continuously for every five minutes until the "stop" button in the application is clicked. Continuous location tracking information via SMS helps to find the location of the victim quickly and can be rescued safely.

Women Safety & Security System- Alert All Chat Mobile App

This project is an android application where we have to install in the mobile and if we find some dangerous signs at anytime we have to just open the application in our mobile and a template will be displayed as safe or unsafe if we choose unsafe the message (template) will be sent to our favorite contacts with the location where we are present and share the location to the nearest public of 10 numbers also send audio and video of the emergency situation to contact numbers.

Curfew E-pass system

MINI PROJECT REPORT

Submitted by

AKILAN S

2013143037002

Under the guidance of

Asso.Prof Ms.S. NIRMALA DEVI **MCA, M.Phil. , SET**



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

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Guru Nanak Salai, Velachery, Chennai - 600 042.

APRIL 2021

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

This is to certify that, this is a bonafide record of work done by **AKILAN S** with Register No **2013143037002** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department

GURU NANAK COLLEGE
DEPARTMENT OF MCA
AUTONOMOUS

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **AKILAN S** Reg. No: **2013143037002** MCA student, hereby declare that the Mini Project Report entitled, **Curfew E-pass system** is the original work carried out by me under the supervision of **Asso.Prof Ms.S.NIRMALA DEVI.**

Place: Chennai

Date: 22/04/2021

Sincerely,

Akilan S

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **Curfew E-pass system** Submitted is a result of a Bonafide work carried out by **AKILAN S** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22/04/2021

Project Guide

Curfew E-pass system

ABSTRACT

Internal Examiner External Examiner ABSTRACT With the advent of social media, email, and many web applications, it is increasingly common that the passes can also be done online. Curfew e-pass system is a web-based registration portal that helps you to get passes to move from one state /district to another. Curfew Pass Management system is an automatic system that delivers data processing at a very high speed in a systematic manner. This project has four main modules namely Admin, Dashboard, Manage pass, Search .Once admin gets the approval, they can login using credentials. Admin can raise request in need to the various registered users. They can view the previous e- pass list and e-pass report. Donor can simply register and login using credentials. They will get the notification of the request raised by the organization. They need to fill the details regarding their pass with source and Destination on approval of request. The Proposed project is a web site implementation of helping the needy to migrate to their respective states/districts. The Project is an Online Based System and any negotiations done through online.

STUDENT CAREER PREDICTION
MINI PROJECT REPORT

Submitted by

ANBARASAN R

REG NO:2013143037003

Under the guidance of

Asst.Prof MS.S.NIRMALA DEVI MCA, MPhil,SET



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

APRIL – 2021

DEPARTMENT OF MASTER OF COMPUTERAPPLICATIONS

GURU NANAK COLLEGE(Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

This is to certify that, this is a bonafide record of work done by **ANBARASAN R**with Register No **2013143037003**in Mini Project during the Academic Year 2020-2021.

Project Guide

Head oftheDepartment&Dean IT

GURU NANAK COLLEGE (AUTONOMOUS) DEPARTMENT OF MCA

DEPARTMENT OF MASTER OF COMPUTERAPPLICATIONS

GURU NANAK COLLEGE(Autonomous)

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **ANBARASAN R**Reg. No: **2013143037003** MCA student, hereby declare that the Mini Project Report entitled **STUDENT CAREER PREDICTION**is the original work carried out by me under the supervision of **MS.S.NIRMALA DEVI**

R. Anbarasan

Sincerely,

Place:Chennai

Date: 22/4/2021

DEPARTMENT OF MASTER OF COMPUTERAPPLICATIONS

GURU NANAK COLLEGE(Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **STUDENT CAREER PREDICTION**Submitted is a result of a Bonafide work carried out by **ANBARASAN R** during the year 2020-2021, under my supervision.

Place: Chennai

Project Guide

22/4/21

Date: 22/04/2021

ABSTRACT

Data mining has been successfully implemented in the business and technology world in thesedays.

Its use in high education and still relatively new.

In the term of education data miningwould help the institution to come up with their student performance including academicperformance.

Attendance and if the candidates participated in any activities. Using data mining.

The aim was to develop a model which can derive the conclusion on students' enrolmentbehavior.

Different methods and techniques of data mining were compared during prediction ofstudents' enrolment.

This project is supporting the technique that will help the institute to analyst.

The prediction of admission in which department student's intent to enroll in this institution.

It contributes the techniques that would help to predict the performance of students by using theattendant.

Their work performance, and their behaviors' in classes also their performing in the testin each month.

The system also proposes an enhanced data mining technique like SVM andlinear regression which helps to predict the performance of student by their given data also.

Cluster technique to separate each student's performance in a different group.

HOME APPLIANCES SERVICE

MINI PROJECT REPORT

Submitted by

ARAVIND .R

Regno:2013143037004

Under the guidance of

Assistant Professor Ms. S. Nirmala Devi MCA, M.Phil.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

APRIL – 2021

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DEPARTMENT OF MASTER OF COMPUTER APPLICATION

GURU NANAK COLLEGE
(Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

This is to certify that, this is a bonafide record of work done by **ARAVIND .R** with Register No **2013143037004** in Mini Project during the Academic Year 2020-2021.

Project Guide 22/4/21

Head of the Department & Dean IT

GURU NANAK COLLEGE (AUTONOMOUS) DEPARTMENT OF MCA

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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

ARAVIND .R Reg. No: **2013143037004** MCA student, hereby declare that the Mini Project Report entitled, **HOME APPLIANCES SERVICES** is the original work carried out by me under the supervision of **Assistant Professor Ms. S. Nirmala Devi MCA, M.Phil.**

Sincerely,

Place: Chennai

Date: 22.04.2021

Scanned by TapScanner

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

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CERTIFICATE

This is to certify that the Mini Project entitled **HOME APPLIANCES SERVICES** Submitted is a result of a Bonafide work carried out by **ARAVIND R** during the year 2020-2021, under my supervision.

22/4/21

Project Guide

Place: Chennai

Date: 22.04.2021

Scanned by TapScanner

ABSTRACT

In today's time the smart phone evolution has changed the lives of every individual drastically. On touch of a button the world is coming to our fingertips. This Mobile era has simplified our life by putting the world in our hands. The heart of these smart phones is their Applications. There are lots of free applications available at our service. We can order food, we can pay the bills, we can monitor our health, we can have our own personal assistant. So this list is endless. There are different college management applications available in market with the basic functionality of sharing notes, marking attendance, etc

The home appliances have made our lives so Appliance play very important role in a day to day life, There's so many appliances that we use in a day to day life to function better way, easily and make the work done faster than when done manually.

When we work with appliances it is very important to have done service often so that in future the appliances keep working in the perfect condition.

And always function better which saves you money because if the appliance does not me the repair or need to be fixed then your money is safe and your time it safe too.

We cannot deny that electrical home appliances have reduced the human effort to a great extent. After having so much comfort and convenience with these appliances, one can't even imagine a day without these helping hands

Services person comes your place with all the parts and instruments needed for the servicing and repair of the appliance which makes it less time consuming, energy efficient, quicker, and a very good way of getting your appliance repaired at home itself at the possible price available.

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LUSTROUS PEARL EVENT ORGANIZER

MINI PROJECT REPORT

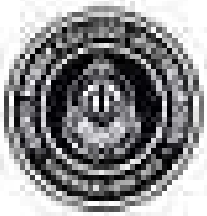
Submitted by

ARCHANA S

Regno:20E3143037005

Under the guidance of

Asst.Prof Ms. S. Nirmala Devi MCA, M.Phil.,



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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(Affiliated to University of Madras)

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APRIL – 2021

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

This is to certify that, this is a bonafide record of work done by ABCHANA S with Register No 20UI43087085 in Main Project during the Academic Year 2020-2021.

Project Guide

Head of the Department & Dean IT

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I ARCHANA S Reg. No: 20111430176058 MCA student, hereby declare that the Mini Project Report entitled LUSTROUS PEARL EVENT ORGANIZER is the original work carried out by me under the supervision of Ms.S. Nirmala Devi.

Place: Chennai

Date: 23/04/2021

S. Archana

Sincerely,

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042

CERTIFICATE

This is to certify that the Mini Project entitled LUSEROUS PEARL EVENT ORGANIZER submitted in a result of a bonafide work carried out by ARCHANA S during the year 2020-2021 under my supervision.

Project Guide

Place: Chennai

Date: 22/04/2021

LUSTROUS PEARL EVENT ORGANIZER

ABSTRACT

The main aim of this project is to create a website about event management and to provide services related to taking responsibilities in organizing various events which fulfill the needs and requests of visiting clients.

Every people desires to add colors in their life and some to be special also, such people want to celebrate their occasions in a big and fabulous manner, and now a days events and theme parties are becoming an integral fragment of peoples lives, here we provide great customized services to organize events for people on their big day focusing on customer satisfaction.

Airline Reservation

MINI PROJECT REPORT

Submitted by

AUGUSTUS T

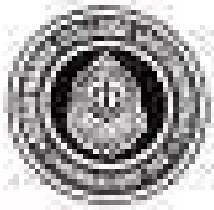
Reg.No: 19131420037006

Under the guidance of

MS.S.NIRMALA DEVI MCA.,MPhil.,SET

(Associate professor & Head,Dean-School of IT)

Master of Computer Applications (MCA)



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

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APRIL – 2021

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(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

This is to certify that, this is a bonafide record of work done by AUGUSTUS T with Register No 171314102006 in Mini Project during the Academic Year 2020-2021.

Internal Project Guide.

Head of the Department & Dean IT

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I ARJUN SUJI T (Reg.No:CH1231143031006) MCA student, hereby declare that the Mini Project Report entitled, Airline Reservation is the original work carried out by me under the supervision of MRS.NIRMALA DEVI Assistant professor, towards the partial fulfillment of the requirements of MCA Degree at Guru Nanak College (Autonomous).

I further declare that this Mini Project has not been submitted elsewhere for any other degree.

Place: Chennai

Date:22/04/2023

Signature

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai – 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled Airline Reservation Software in partial fulfillment of the requirements for the award of MCA Degree of Guru Nanak College (Autonomous), is a result of a Bonafide work carried out by ANGAIRSAN S during the year 2020-2021, under my supervision.

Place: Chennai

Date:

Internal Guide

Airline Reservation

ABSTRACT

This online reservation system is a console application that can let you assign a seat to your seat.

A simple airline reservation system is requires the user to choose between Business and Economy class seats. The project then shows available seats, and the user must enter the seat number to reserve the particular seat. After you have reserved a seat, it will no longer be open for other users.

Airline Booking is based on a concept of booking and canceling flight reservations. Here, the system contains no login feature. The users can easily book flights, cancel flight reservations and check records. It contains different payment options for the reservations. This mini project contains fewer features but the essential ones.

Talking about the features of Airline Booking, the system asks for the passenger's information such as name, passport no, email id. After all these procedures, a reservation is done. As a reservation proof, the system provides seat number. In order to check tickets, the user has to provide seat no. then only the system check for the respective selection in the database and displays a result. Canceling a flight reservation is easy through the system, the user just has to provide their seat number.

VOICE BASED AUTOMATED TRANSPORT ENQUIRY

MINI PROJECT REPORT

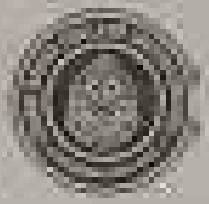
Submitted by

[redacted]

[redacted]

Under the guidance of

[redacted]



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[redacted]

APRIL – 2024

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600042.

This is to certify that this is a bonafide record of work done by **SHANMUGAVELAN S** with Register No.**2023MCA0708** in Mini Project during the Academic Year 2024-2025.

Project Guide

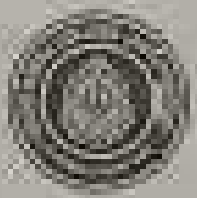
Head of the Department & Dean II

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Affiliated to University of Madras

Guru Nanak Salai, Velachery, Chennai - 600 042.



DECLARATION

I SHANMUGAVELAN R Reg. No. 20MAM0048 M.C.A student, hereby declare that the Mini Project Report entitled VOICE BASED AUTOMATED TRANSPORT ENQUIRY is the original work carried out by me under the supervision of Asso. Prof M.CHANDRA SEKARAN, M.C.A.,M.Phil.,M.E.

Place: Chennai

Date: 22.09.2020

Signature

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042

CERTIFICATE

This is to certify that the Mini Project entitled **VOICE BASED AUTOMATED TRANSPORT ENQUIRY** submitted is a record of a bonafide work carried out by **SHANTHIYA PELAN R** during the year 2024-2025 in partial fulfillment of the requirements for the award of the degree of Master of Computer Applications.

Place: Chennai

Date: 22/04/2025

Project Guide

VOICE BASED AUTOMATED TRANSPORT ENQUIRY

ABSTRACT

Now this is the age of speed. Everything happens in the speed of supersonic. The data can be transferred at the speed of light in the digital medium, can travel in the supersonic speed, hence three is a need of information inflow in the same speed. Here is one such need of information fast enough.We have experienced waiting in transport terminals for transport controllers to get the information about the transport facility. We encounter so many times there will be no person for providing these information which significantly wastes the time just to know whether there is any facility or not. Here is one solution for such a problem which lessens the human intervention in providing such information in the transport terminals.

Voice Based Automated Transport Enquiry System is the enquiry system which operates based on the voice input given by the user. There is no communication which is understood more appropriately than voice. This system too uses the voice commands and gives the required information in the form of voice.This system is can be installed in any transport terminal like Bus stands, Railway terminals or airports.

ONLINE GRIEVANCES REDRASSAL SYSTEM

MINI PROJECT REPORT

Submitted by

DEEPAK S

REG NO : 2013143037008

Under the guidance of

Asst.Prof.MS .S. NIRMALA DEVI, MCA, M.Phil.,



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(Affiliated to University of Madras)

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This is to certify that, this is a bona fide record of work done by **DEEPAK S** with Register No **2013143037008** in Mini Project during the Academic Year 2020-2021.

22/4/21

Project Guide

22/4/21

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GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **DEEPAK S** Reg. No: **2013143037008** MCA student, hereby declare that the Mini Project Report entitled, **ONLINE GRIEVANCES REDRESSAL SYSTEM** is the original work carried out by me under the supervision of **Ms .S. NIRMALA DEVI, MCA, M.Phil.,**

Sincerely,

Place: Chennai

Date: 22 | 04 | 2021

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GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **ONLINE GRIEVANCES REDRESSAL SYSTEM** Submitted is a result of a Bona fide work carried out by **DEEPAK S** during the year 2020-2021, under my supervision.

22/4/21

Place: Chennai

Project Guide

Date: 22/04/2021

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ONLINE GRIEVANCES REDRESSAL SYSTEM

ABSTRACT

The main purpose of this project is to help the public in knowing their place details and getting their problems solved in online without going to the officer regularly until the problem is solved. By this system the public can save his time and eradicate corruption in government offices. Its main purpose is to provide a smart and easy way through web Application for Complaint registration and its Tracking and eradicating system and thus to prevent Corruption. We want to develop an we application for complaint management system where public can register complaints for street light, water pipe leakage, rain water drainage, road reconstruction and garbage system. Online Road Complaints Registration System To transform the existing manual compliant management system into an automate system. For the better management of complaints to improve efficiency. android projects ideas All the peoples living in housing schemes societies can used our android application for the registration of their complaints within India.

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SPAM COMMENTS DETECTION

MINI PROJECT REPORT

Submitted by

DEEPAK G

2013143037007

Under the guidance of

Asso.Prof Ms. S. NIRMALA DEVI MCA, M.Phil. , SET



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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This is to certify that, this is a bonafide record of work done by **DEEPAK G** with Register No **2013143037007** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department

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DECLARATION

I **DEEPAK G** Reg. No: **2013143037007** MCA student, hereby declare that the Mini Project Report entitled, **SPAM COMMENTS DETECTION** is the original work carried out by me under the supervision of Asso.Prof **Ms. S. NIRMALA DEVI.**

Place: Chennai

Date: 22/04/2021

Sincerely,

G. Deepak

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GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **SPAM COMMENTS DETECTION** Submitted is a result of a Bonafide work carried out by **DEEPAK G** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22/04/2021

Project Guide

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SPAM COMMENTS DETECTION

ABSTRACT

Spamming is the process of posting unwanted and not related comments on specific posts in any type of social sharing medium or video-sharing medium. These messages are posted by bots for reducing ranking or disturbing users viewing experience which ultimately reduces the rank of website and post. This spamming is done manually also which are mostly seen in most competitive pages.

There are few methods that can remove spamming methods that use data mining techniques but in this project, we are automating the process of spam comment detection using machine learning by taking a dataset of you tube spam messages and applying countvectorizer and navie base algorithm for clustering on the given dataset using python programming.

This project, countvectorizer is used for extracting features form a given dataset and design model by generating tests and training sets from given data. Then the navie base classifier is applied for clustering and the test and training set is given as input based on this data given message is tested if it is spam or not.

In the existing system, data mining techniques are used for detecting spam messages. Most of these methods work only after posting messages. There is a need for a system that can automate this process before posting message.

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PACKET SNIFFING
MINI PROJECT REPORT

Submitted by

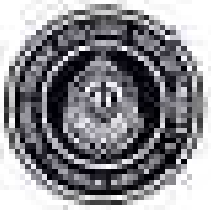
DEEPAKRAJ A

Reg no : 20131401Y009

Under the guidance of

Dr.R.Anand M.sc.,N.,Phil.,Ph.D.,

Associate Professor



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

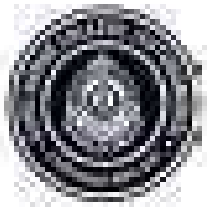
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(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.



This is to certify that, this is a bonafide record of work done by **HARIPRAKASH** with Register No **2013160037009** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I DEEPAKRAJA Reg. No: 2015108039 MCA student, hereby declare that the below Project Report entitled, PACKET SNIFFING is the original work carried out by me under the supervision of Asst.prof.Dr.RADAND M.sc.,M.Phil.,Ph.D.

Place: Chennai

Date: 24/04/2021

DEEPAKRAJA
(student)

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **PACKET SNIFFING** Submitted is a result of a Bonafide work carried out by **DEEPAKRAJ.A** during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 30/04/2021

PACKET SNIFFING

AbstractS

Packet sniffing is a method of tapping each packet as it flows across the network; i.e., it is a technique in which a user sniffs data belonging to other users of the network. Packet sniffers can operate as an administrative tool or for malicious purposes. It depends on the user's intent. Network administrators use them for monitoring and validating network traffic. Packet sniffers are basically applications. They are programs used to read packets that travel across the network layer of the Transmission Control Protocol/Internet Protocol (TCP/IP) layer. (Basically, the packets are retrieved from the network layer and the data is interpreted.) Packet sniffers are utilities that can be efficiently used for network administration. At the same time, it can also be used for nefarious activities. However, a user can employ a number of techniques to detect sniffers on the network and protect the data from sniffers. The technique behind packet sniffing on shared bus broadcast LANs is explained.

1887

EMPLOYEE PERFORMANCE EVALUATION AND APPRAISAL CALCULATION USING DATA MINING

MINI PROJECT REPORT

Submitted by

DHANALAKSHMI M
REG NO: 2013143037010

Under the guidance of
Dr. R ANAND, M.Sc.,M.Phil.,Ph.D.
Associate Professor and Dean Of Skill Development Center



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This is to certify that, this is a bonafide record of work done by **DHANALAKSHMI M** with Register No **2013143037010**in Mini Project during the Academic Year 2020-2021.

Project Guide

Head oftheDepartment&Dean IT

GURU NANAK COLLEGE (AUTONOMOUS) DEPARTMENT OF MCA

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GURU NANAK COLLEGE(Autonomous)

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Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **EMPLOYEE PERFORMANCE EVALUATION AND APPRAISAL CALCULATION USING DATA MINING**Submitted is a result of a Bonafide work carried out by **DHANALAKSHMI M**during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 02/04/2021

DEPARTMENT OF MASTER OF COMPUTERAPPLICATIONS

GURU NANAK COLLEGE(Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I**DHANALAKSHMI M**Reg. No: **2013143037010**MCA student, hereby declare that the Mini Project Report entitled, **EMPLOYEE PERFORMANCE EVALUATION AND APPRAISAL CALCULATION USING DATA MINING**is the original work carried out by me under the supervision of **Dr. R ANAND, M.Sc.,M.Phil.,Ph.D.,**

Place:Chennai

Date: 02/04/2021

Sincerely,

M. Dhanalakshmi

EMPLOYEE PERFORMANCE EVALUATION AND APPRAISAL CALCULATION USING DATA MINING

ABSTRACT

Employees are one of the most important components owned by the organization in achieving the purpose. Success or failure an organization in exercised their activities related to the capacity of employees (competence) works in the organization. Therefore need to may system does performance evaluation of can give picture of the performance of employees. This research method is divided into five phases as preparation phase, the data collection phase, phase data processing, phase analysis, stage design system, system testing is limited.

Almost every company has a performance management system or conduct a performance analysis of the employee's. There is a little evidence that this existing system is efficient for evaluating the performance of the worker in a company.The aim is to set references and guidelines for performance analysis of employee's for a typical sales company.You can see which teams managers and employee's who are working well and can gain insights how to help people who need extra attention. System allows admin to evaluate employee's performance based on manager ratings, co-worker ratings which is achieved through Data Mining.

All the newly added task will be displayed to respective manager for assigning it to multiple employee. All the added employee's details can be viewed and details can be edited by the manager.

FAKE REVIEW IDENTIFICATION
MINI PROJECT REPORT

Submitted by

DIVAKAR.D

Reg no : 2013143037011

Under the guidance of

Dr.R.Anand M.sc.,M.Phil.,Ph.D.

Associate Professor



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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(Affiliated to University of Madras)

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This is to certify that, this is a bonafide record of work done by **DIVAKAR .D** with Register No **2013143037011** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I DIVAKAR .D Reg. No: **2013143037011** MCA student, here by declare that the Mini Project Report entitled, **FAKE REVIEW IDENTIFICATION** is the original work carried out by me under the supervision of **Asst.prof.Dr.R.ANAND M.sc.,M.Phil.,Ph.D.**

Divakar

Sincerely,

Place: Chennai

Date: 22/04/2021

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **FAKE REVIEW IDENTIFICATION** Submitted is a result of a Bonafide work carried out by **DIVAKAR.D** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 29/04/2021

Project Guide

FAKE REVIEW IDENTIFICATION

Abstract

The rapid growth of the Internet influenced many of our daily activities. One of the very rapid growth area is ecommerce. Generally e-commerce provide facility for customers to write reviews related with its service. The existence of these reviews can be used as a source of information. For examples, companies can use it to make design decisions of their products or services, while potential customers can use it to decide either to buy or to use a product. Unfortunately, the importance of the review is misused by certain parties who tried to create fake reviews, both aimed at raising the popularity or to discredit the product. This research aims to detect fake reviews for a product by using the text and rating property from a review. In short, the proposed system (ICF++) will measure the honesty value of a review, the trustiness value of the reviewers and the reliability value of a product. The honesty value of a review will be measured by utilizing the text mining and opinion mining techniques. The result from the experiment shows that the proposed system has a better accuracy compared with the result from iterative computation framework (ICF) method.

CRIME RATE PREDICTION

MINI PROJECT REPORT

Submitted by

ELANGO P

Regno:2013143037012

Under the guidance of

Dr. R. Anand M.Sc., M.Phil., Ph.D.

Associate Professor



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This is to certify that, this is a bonafide record of work done by **ELANGO P** with Register No **2013143037012** in Mini Project during the Academic Year 2020-2021.

22/04/21

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Head of the Department & Dean IT

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **ELANGO P** Reg. No: **2013143037012** MCA student, here by declare that the Mini Project Report entitled, **CRIME RATE PREDICTION** is the original work carried out by me under the supervision of **Dr. R. Anand**

Place: Chennai

Date: 22:04:2021

Sincerely,

P. Elango

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GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **CRIME RATE PREDICTION** Submitted is a result of a Bonafide work carried out by **ELANGO P** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22:04:2021

Project Guide

Dr. R. Anand

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CRIME RATE PREDICTION

ABSTRACT

Crime is one of the biggest and dominating problem in our society. Daily there are huge number of crimes committed frequently. Here the dataset consists of the date and the crime rate that has taken place in the corresponding years. In this project the crime rate is only based on the robbery. We use linear regression algorithm topredict the percentage of the crime rate in the future by using the previous data information. The date is given as an input to the algorithm and the output is the percentage of the crime rate in that particular year.

Crime Prediction is a systematic approach for finding the crime patterns and trends. This paper gives different technologies that can be used for building Crime Prediction System. By building Crime Prediction System, it speeds up the process of solving crimes and reduces the rate of crime.

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PET TRACKER

MINI PROJECT REPORT

Submitted by

GUHAN J R

REG NO : 20131143037013

Under the guidance of

Asso.Prof Dr.R.ANAND M.SC.,M.Phil.,Ph.D.



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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This is to certify that, this is a bonafide record of work done by **Guhan J R** with Register No **2013143037013** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department & Dean IT

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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DECLARATION

I Guhan J R Reg. No: **2013143037013** MCA student, hereby declare that the Mini Project Report entitled, **Pet Tracker** is the original work carried out by me under the supervision of **Asso.Prof Dr.R.Anand M.SC.,M.Phil.,Ph.D.**

Place: Chennai

Date: 22.04.2021

Sincerely,

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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CERTIFICATE

This is to certify that the Mini Project entitled **Pet Tracker** Submitted is a result of a Bonafide work carried out by **Guhan J R** during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 22.04.2021

PET TRACKER

ABSTRACT

We describe the design and implementation of "Pet Tracker", a networked location aware pet tracking and logging application implemented using motes and sensors. We see this as a novel application of context aware systems that deals with a much-simplified notion of context due to its application to pets. We hope this application can bead opted for pet owners in the future. Keywords Location, context, pet, interaction, activities, sensors, motes, visualization

Growth in wireless technology, improved micro processors, and enhanced power support have all worked to make the dream of pervasive, interconnected "smart" devices a real possibility, and it is clear that the realm of the computer has now expanded far beyond the office and the desktop. With the new capabilities come new challenges for Ubicomp. Context-aware computing must grapple with the subtlety inhuman interactions

ONLINE NOTICE BOARD

MINI PROJECT REPORT

Submitted by

Hari prasad k

Reg no: 20131430370l4

Under the guidance of

Asso.prof. Dr. R. Anand M.Sc., M.Phil., Ph.D.



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APRIL – 2021

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DECLARATION

I **Hari prasad K** Reg. No: **2013143037014** final year MCA student, hereby declare that the Mini Project Report entitled, **online notice board** is the original work carried out by me under the supervision of **Associate professor Dr. R. Anand.**

Place: Chennai

Date: 22/04/2021

Sincerely,

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CERTIFICATE

This is to certify that the Mini Project entitled **online notice board** Submitted in partial fulfillment of the requirement for the award of MCA Degree of Guru Nanak College (Autonomous), is a result of a Bonafide work carried out by **Hari prasad K** during the year 2020-2021, under my supervision.

Internal Guide

Place: Chennai

Date: 22/04/2021

ONLINE NOTICE BOARD

ABSTRACT

Online Notice Board is an application which will automate a lot of activities in a school or college or office etc depending upon the usage that is expected by different organizations. If it's a school they can use it for displaying info related to different extracurricular events and winner's info. They can display info of all teachers in various departments, display timetable for students, display results of students. They can display info related to any holidays or info related to any fees collection scenarios or any common regulatory that are announced by management. In the same way, it can be used by colleges also.

In this project, we will aim to provide a way to automate the way in which notice board messages can be updated, deleted or removed. Provide access to students' professors or administrative etc officers to differen: features which will provide various information. We will also provide roles and basing on it permissions will be granted to add or remove data to notice board features. Admin: Will have access to modules Departments, Result Board, Fees Board and Timetable board. Admin can login and add departments in department module. Can add results in results module which will then show the related info on board. Will upload timetable schedule daily. Admin will approve student registration login Professors login etc.

Student Registration: It will allow students to register. Once registered request will be sent to admin and it will be approved. Approved student login will have the option to view results, fees related info and also access timetable.

TOURISM MANAGEMENT
MINI PROJECT REPORT

Submitted by

R.HARIHA

REG NO : 20B31403070H5

Under the guidance of

Asso.Prof Dr. R ANAND,M.sc.,M.Phil.,Ph.D.,

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This is to certify that, this is a bonafide record of work done by **BHARATHA** with Register No: **20UG43001019** in Mini Project during the Academic Year 2020-2023.

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Head of the Department & Dean IT

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CERTIFICATE

This is to certify that the Mini Project entitled TOURISM MANAGEMENT submitted in partial fulfilment of the requirement for the award of MCA Degree of Guru Nanak College (Autonomous), is a result of a Bonafide work carried out by KHABITHA during the year 2020-2021 under my supervision.

Internal Guide

Place: Chennai

Date: 4th May 2021

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I R.GAYATHA Reg. No: 20UMA0037014 Third year MCA student, hereby declare that the Mini Project Report entitled "TOURISM MANAGEMENT" is the original work carried out by me under the supervision of Asst. Prof. Dr. R.ANANDI,M.sc.,M.Phil,Ph.D., towards the partial fulfillment of the requirements of MCA Degree at Guru Nanak College (Autonomous).

I further declare that this Mini Project has not been submitted elsewhere for any other degree.

Place: Chennai

Date: 22/10/2021

Sincerely,

TOURISM MANAGEMENT

ABSTRACT

One of the problems facing tourist is their way of travelling. The high cost is over-ward with specialist software publishers which can afford many thousands. What is there for free? Investigation continues, but at the moment there are systems which range from the low thousands up.

This is an Online travel website which help the tourist to make the way of travel in the easy way. Entry is internet based. It runs on a Windows XP server using SQL server as its database.

The travel system provides the tourist the destination place the way of making their trips in other manner. It makes the user to utilize the use of the website for making their trip in a peaceful and also in the enjoyment way.

Tourism segmentation research has focused on (1) developing tourist segment profiles using primary and secondary tourist data and (2) understanding which segmentation bases can accurately predict future tourist behaviour.

Researchers have not considered how tourism stakeholders are segmenting their tourist markets. This paper presents evidence to suggest that the use of contextual segmentation variables to develop tourism profiles is warranted and that a 'one-size-fits all' approach is not suitable because different tourism stakeholders within a single destination attract different tourists. Furthermore, this research identified that the segments used by the central tourism organisation failed to holistically describe the tourist groups using the different services provided by tourism stakeholders within a single destination. Destination marketing is complex involving many stakeholders each likely to be attracting different tourist segments and future research endeavours must acknowledge this complexity.

VOICE BASED EMAIL SYSTEM

MINI PROJECT REPORT

Submitted by

INBA THARAN V

REG NO: 2013143037016

Under the guidance of

Dr. R. ANAND M.Sc., M.Phil., Ph.D.

Associate professor



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APRIL 2021

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This is to certify that, this is a bonafide record of work done by **INBA THARAN V** with Register No. **20131430037016** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **INBA THARAN V** Reg. No: **20131430370l6** MCA student, here by declare that the Mini Project Report entitled, **VOICE BASED EMAIL SYSTEM** is the original work carried out by me under the supervision of

Asst.Prof. Mr. R. ANAND M.Sc., M.Phil., Ph.D.

Place: Chennai

Date: 23/04/2021

Sincerely,
INBA THARAN V

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CERTIFICATE

This is to certify that the Mini Project entitled **VOICE BASED EMAIL SYSTEM** Submitted is a result of a Bonafide work carried out by **INBA THARAN V** during the year 2020-2021, under my supervision

Place: Chennai

Project Guide

Date: 22/04/2021

VOICE BASED EMAIL SYSTEM

ABSTRACT

In today's world communication has become so easy due to integration of communication technologies with internet. However the visually challenged people find it very difficult to utilize this technology because of the fact that using them requires visual perception. Even though many new advancements have been implemented to help them use the computers efficiently no naïve user who is visually challenged can use this technology as efficiently as a normal naïve user can do that is unlike normal users they require some practice for using the available technologies. This paper aims at developing an email system that will help even a naïve visually impaired person to use the services for communication without previous training. The system will not let the user make use of keyboard instead will work only on mouse operation and speech conversion to text. Also this system can be used by any normal person also for example the one who is not able to read. The system is completely based on interactive voice response which will make it user friendly and efficient to use.

CONVERT PDF TO AUDIOBOOK

MINI PROJECT REPORT

Submitted by

Jagan P

REG NO : 2013143037017

Under the guidance of

Asso. Prof. V.Chellaithai M.sc, M.phil



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DECLARATION

I **Jagan P** Reg. No: **2013143037017** MCA student, hereby declare that the Mini Project Report entitled, ONLINE BUS TICKET RESERVATION SYSTEM is the original work carried out by me under the supervision of **Asso. Prof V.Chellaithai M.sc, M.phil**

Place: Chennai

Date: 22 - 04 - 2021

Sincerely,

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CERTIFICATE

This is to certify that the Mini Project entitled **CONVERT PDF TO AUDIOBOOK** Submitted is a result of a Bonafide work carried out by **Jagan P** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22 - 04 - 2021

Project Guide

CONVERT PDF TO AUDIOBOOK

ABSTRACT

In this paper, the PDF to Audio Converter is proposed.

It provides an alternative way to access the books and any pdf file for lazy, readers, and others.

Using this PDF to Audio Converter the user will be able to listen to his/her favorite PDF and can do their daily routine.

The application can be used to read any PDF which has[1].

The following application can be used to convert text from PDF to audio using Tkinter and python files, functions, and definitions. The main packages used in his audiobook converter are pyttsx3 and PyPDF2 libraries.

Pyttsx3 is a python library used for text to speech conversions.

This is the reason which helps the machine to speak to us. This also contains a notepad. Pyttsx3 extracts the text from the PDF.

This is a python library built as a PDF toolkit. To overcome the(issues) the project PDF to Audio Converter has been developed

to extract data from the pdf selected by the user, and to extract the data from the pdf, convert it to audio format to read out loud.

PDF to Audio Converter is a GUI application containing buttons for voice conversions, Volume controlling, speed adjustment and also has a feature to open a pdf, it will display the pdf while reading.

The GUI is also provided with the feature of having a notepad which makes our project different from others.

It will allow the user to note down important notes and it also has the feature of save, cut, copy, and paste.

Index Terms - Python, pyttsx3 and PyPDF2, Text to Speech, Converter, Tkinter.

Internet Speed Monitor

MINI PROJECT REPORT

Submitted by

Jayakumar. P

REG NO: 2013143037018

Under the guidance of
Associate Professor Ms. V. Chellathai M.Sc., M.Phil.



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This is to certify that, this is a bonafide record of work done by **Jayakumar. P** with Register No **20131430370I8** in Mini Project during the Academic Year 2020-2021.

Project Guide

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DECLARATION

I **Jayakumar. P** Reg. No: **2013143037018** M.C.A. student, hereby declare that the Mini Project Report entitled, **Internet Speed Monitor** is the original work carried out by me under the supervision of **Associate Professor Ms. V. Chellathai M.Sc., M.Phil.**

Place: Chennai

Date: 23/04/2021

Sincerely,

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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CERTIFICATE

This is to certify that the Mini Project entitled **Internet Speed Monitor** Submitted is a result of a Bonafide work carried out by **Jayakumar. P** during the year 2020-2021, under my supervision.

Place: Chennai

Date:

Project Guide

Internet Speed Monitor

ABSTRACT

The internet connections in our homes and offices differ by internet service providers (ISPs), allowable traffic limit, and most importantly speed. So, what do we do when we want to test the speed of our Internet connection? Correct, we go on Google and lookup some speed testing websites and proceed there. How about trying to test internet speed using Python from your computer in less than 10 lines of code? Let's look. In order to continue with this article, you will need to install an additional library speed test-cli.

We will need to create an instance of Speedtest() class and then inspect the methods it has and discuss each of them. The source code for this library doesn't currently have a lot of detailed information about each method and their usage so we will explore these from scratch. The next step that we are going to take this and find out what is included in the above class. Using the inspect library that is prebuilt in Python, let's look at what methods the s object has.

The following list as the output for program.

Download Speed
Upload Speed
To get best server
To get closest servers
To get servers
To set mini server
To get config

Download Speed

This method will help you test the download speed of your current connection in bytes.

Example: 142.56 mbps

Upload Speed

This Method will help to shows you the upload speed of your connection as similar to download speed. Example: 835.89 mbps

To get best server

This method allows us to identify the best server that we will be testing the connection.

In general, this allows to find the best testing server that is within your region.

To get closest servers

This method allows us to find a set of servers that are close to our location, and we can use these servers after to do speed tests from different servers. Similarly, to the previous method, we will get back a dictionary, but now instead of one server with details it will be much more.

To get servers

This allows us to get information on all available servers and when it works very similar to the previous method and returns a dictionary with each server's details.

To set mini server

This allows us to set the speedtest server by passing a URL to it instead of querying a list of servers. The server URL can be chosen from any servers that we can retrieve using get_servers() method.

To get config

This allows us to find out the current configuration of the speedtest class as well as provides some relevant information about our own connection, including IP, location of servers, internet server provider (ISP), and more.

Conclusion

Thus, the given following methods are used to build the internet speed Monitor using python programing language.

KEYLOGGERS

MINI PROJECT REPORT

Submitted by

KAMARAJ.C

Reg no:20131430370I9

Under the guidance of

Asst.prof.Ms.V.CHELLATHAI M.Sc.,M.Phil.



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DECLARATION

I **KAMARAJ C** Reg. No: **20131403037019** MCA student, here by declare that the Mini Project Report entitled. **KEYLOGGERS** is the original work carried out by me under the supervision of **Asst.prof.Ms.V.CHELLATHAI M.Sc.,M.Phil.**

Place: Chennai

Date: 23/04/2021

Sincerely,

C. Kamaraj

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This is to certify that the Mini Project entitled **KEYLOGGERS** Submitted is a result of a Borafide work carried out by **KAMARAJ.C** during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 02/04/2021

Keyloggers software detection

Abstract

Keyloggers is the action of recording the key stroke on a keyboard, typically in a covert manner. Software Keyloggers are detected based on the behavioral characteristics. They don't provide root privileges; detection is based on permission from kernel and prone to many attacks. Software Keyloggers is a software program that can be installed onto a computer, which monitors all the user activities on computer. Keyloggers steal the confidential information and they completely run in stealth mode. When Keyloggers is installed in a computer, it is not shown either in start-up icons or anywhere else on the computer that is being monitored. Software Keyloggers have posed a great threat to user privacy and security. Detection of Keyloggers is difficult because they run in hidden mode. Detection of Software Keyloggers is done using various technique namely Anti-Hook techniques, HoneyID: Spyware detection, bot detection, safe access to password protected accounts and dendritic cell algorithm. These algorithms are used to detect the existence of Keyloggers in computer, which strengthens user privacy and security.

CHATBOTS PROJECT
MINI PROJECT REPORT

Submitted by

NAME: KARTHIK RN

REG NO :2013143037021

Under the guidance of

GUIDE NAME: Mrs.V.Chellathai (Associate professor)

Master of Computer Applications (MCA)



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DECLARATION

I ILAKIYAR RN Reg. No: 20S1143007021 MCA student, hereby declare that the Mini Project Report entitled, CHATBOTS is the original work carried out by me under the supervision of Mrs.V Chellathai (Associate professor)

Place: Chennai

Date: 22/04/2021

University.

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CERTIFICATE

This is to certify that the Mini Project entitled Chatbots project

Submitted is a result of a Bonafide work carried out by KARTHIK RM during

the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 22/04/2021

ABSTRACT

Deliver contextual responses: Chatbots need to have the ability to understand the context so that customers feel like talking to a real person. By leveraging the advancements in natural language processing (NLP), bots can be made to understand context without asking validating questions.

Allow human handover: Bots need to be smart to understand the sense of urgency and complexity of a conversation. Even when a chatbot template for online order fails to understand the query, it can still intelligently hand over the conversations to human support.

Great UI/UX: AI chatbots should not be complex or hard to use else they won't be able to make conversations interactive. The design has to be simple and intuitive so that users find it easy to use them for answers.

Well-trained with FAQs: Chatbot benefits are many when they are trained. Regular training can help chatbots become powerful and enable them to smoothly handle questions and interactions.

Offer personalized support: Bots that are designed using AI and machine learning can easily comprehend user conversations and respond in real-time. A customer support chatbot template can adjust the tone and language to give personalized experiences.

FACE RECONGITION

MINI PROJECT REPORT

Submitted by

KARTHIK. M

REG NO: 2013143037020

Under the guidance of

Asso. Prof. Ms. V. CHELLATHAI M.Sc., M.Phil.



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Project Guide

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DECLARATION

I KARTHIK. M Reg. No: 2013143037020 MCA student, hereby declare that the Mini Project Report entitled, FACE RECONGITION is the original work carried out by me under the supervision of Asso. Prof. Ms. V. CHELLATHAI M.Sc., M.Phil.

Place: Chennai

Date: 22/4/2021

Sincerely,

M. Karthik

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CERTIFICATE

This is to certify that the Mini Project entitled FACE RECONGITION Submitted is a result of a Bonafide work carried out by KARTHIK. M during the year 2020-2021, under my supervision.

J. Chellethai

Project Guide

Place: Chennai

Date: 22/4/2021

FACE RECONGITION
ABSTRACT

Face recognition is a rapidly developing and widely applied aspect of biometric technologies. Human face is the significant characteristic to identify a person. Everyone has their own unique face even for twins. A face recognition system is the verification system to find a person's identity through biometric method. Face recognition has become a popular method nowadays in many applications such as phone unlock system, criminal identification and even home security system. This system is more secure as it does not need any key and card but only facial image is needed. Generally, human recognition system involves two phases which are face detection and face identification.

Deep learning is an approach to perform the face recognition and seems to be an adequate method to carry out face recognition due to its high accuracy. It applies multiple processing layers to learn representations of data with multiple levels of feature extraction and this emerging technique has reshaped the research landscape of face recognition.

Deep learning can achieve a nice approximation of a complex function through increment of hidden layers, and is capable to achieve astonishing results in the face recognition. This project is based on the concept on how to design and develop a face recognition system through deep learning approach using Open CV in python.

1948

RANDOM PASSWORD GENERATOR

MINI PROJECT REPORT

Submitted by

KOUSHIK RAAJ R

REG NO : 2013143037022

Under the guidance of

Mrs. V. Chellathai, M. Sc., M.phil.



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Project Guide

Head of the Department

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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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DECLARATION

I **KOUSHIK RAAJ R** Reg. No: **2013143037022** MCA student, hereby declare that the Mini Project Report entitled, **RANDOM PASSWORD GENERATOR** is the original work carried out by me under the supervision of **Mrs. V. Chellathai, M. Sc., M.phil.**

Place: Chennai

Date: 22-04-2021

Sincerely,

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled RANDOM PASSWORD GENERATOR Submitted is a result of a Bonafide work carried out by KOUSHIK RAAJ R during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22-04-2021

Project Guide

RANDOM PASSWORD GENERATOR

ABSTRACT

Random Password Generator is a tool which generates passwords for the users who are in need of a secure password. The Tool Generates a password and the user can use the password.

The Same Password will not be generated and the password cannot be guessed by others. Some of the users may not have the idea of generating their own password who are in need of securing data. The Password generally provides secure access for the users until the password is not shared. Password has Become Mandatory to all the users for their all purposes.

The Only purpose of this Project is to Generate a secure password which must be secure, easily remembered only by the user or those who are in need of the password, and at last encrypting the data by providing security with password encryption. This Random Password Generator is created by using python language.

e-AUTHENTICATION

MINI PROJECT REPORT

MATHAN S

REG NO: 2013143037024

Under the guidance of
Asst.Prof Mrs. V CHELLATHAI Msc, M.Phil



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APRIL – 2021

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This is to certify that, this is a bona fide record of work done by **MATHAN S** with Register No: **2013143037024** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department & Dean IT

GURU NANAK COLLEGE (AUTONOMOUS) DEPARTMENT OF MCA

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DECLARATION

I MATHAN S Reg. No: : 2013143037024 MCA student, hereby declare that the Mini Project Report entitled, e-AUTHENTICATION is the original work carried out by me under the supervision of Associate Professor Mrs. V CHELLATHAI Msc, M.Phil .

Place: Chennai

Date: 22.04.2021

Sincerely,

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CERTIFICATE

This is to certify that the Mini Project entitled e-AUTHENTICATION Submitted is a result of a Bona fide work carried out by **MATHAN S** during the year 2020-2021, under my supervision.

V. Chellathai

Project Guide

Place: Chennai

Date: 22.04.2021

e-AUTHENTICATION

ABSTRACT

This project focuses on building an e-Authentication system using a combination of QR code and OTP for enhanced security. The e-Authentication system is designed to avoid hacking of accounts through shoulder surfing and misuse of login credentials. To be able to use the system, a user has to first register in the system by entering the basic registration details (name, address, zip code, etc.).

Once the registration is complete, the user can access the login module to authenticate the account by entering the email id and password combination they used during registration. Then, the user can proceed to the next authentication step using either of the two options – QR (Quick Response) code or OTP (One Time Password). As per the option selected by the user, the system will generate a QR Code or an OTP. While the QR code will be sent to the user's mail id, the OTP will be sent via SMS to the registered mobile number of the user.

The system randomly generates the QR Code and OTP at the time of login. It makes the login more secure. However, to use this system, one always needs an active Internet connection.

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AVOID CAR ACCIDENTS USING MAGNETS

MINI PROJECT REPORT

Submitted by

Mohan Kumar V

REG NO : 2013143037025

Under the guidance of

Associate Professor Mr Christy Jeyakumar .P MCA MPhil



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This is to certify that, this is a bonafide record of work done by **MohanKumar V** with Register No **2013143037025** in Mini Project during the Academic Year 2020-2021.

Project Guide

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DECLARATION

I **MohanKumar V** Reg. No: **20131430307025** MCA student, hereby declare that the Mini Project Report entitled, **AVOID CAR ACCIDENTS USING MAGNETS** is the original work carried out by me under the supervision of **Christy Jeyakumar P.**

Place: Chennai

Date: 22.04.2021

Sincerely,

V. Mohan

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CERTIFICATE

This is to certify that the Mini Project entitled **AVOID CAR ACCIDENTS USING MAGNETS** Submitted is a result of a Bonafite work carried out by **MohanKumar V** during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 22.04.2021

AVOID CAR ACCIDENTS USING MAGNETS

ABSTRACT

This invention is a process technology based on permanent magnet repulsion field principles. The repulsive field effect of interaction between the like poles of permanent magnets works as a non-contact protection cushion to prevent direct collisions or mitigate the colliding impact in traffic collision accidents.

Based on permanent magnet repulsion field principles. This process can be used for safety of most types of transportation traffics as well as mobile objects in warehouse operations.

The main objective of this invention is to prevent a traffic collision or mitigate the direct collision impact between colliding objects and this process is related to transportation safety technology.

It is not known any non-contact method using a magnet field to prevent an undesired collision accident or to mitigate collusion impact.

Main components of this process invention are permanent magnets which generate a repulsive force field through their like poles. The repulsive field effect of interaction between the like poles of permanent magnets works as a non-contact protection cushion to prevent direct collisions or mitigate the colliding impact in traffic collision accidents.

The new permanent magnets produced by modern new material technology such as nanotechnology enable a broad application of this process invention.

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How does it work:

Magnets have North and South poles. NN and SS repel. So let's say we put North on the driver side and South on the passenger to keep sideswipe collisions from happening when cars are driving at each other. This means when parking and driving on multi lane highways, your car will want to stick to any car you're next to. If we put them in random directions instead, it will want to stick to half the cars and be repelled by the other half.

Any magnet strong enough to repel a car moving at a high enough speed for this to be worth it would be astronomically expensive and also would kill any credit cards, ID badges, etc magnetic stripes within 10 20 feet.

Magnetic dust - rust chips, brake dust, etc - from the road will now stick to the sides of your car over the magnet poles. This is both unsightly and extremely damaging to the paint when you try to remove it.

So will nuts and bolts and scrap metal and such. Drive by a muffler that's fallen off another car? CLUNK it just stuck to your door and probably dented and severely chipped and scratched it in the process.
If you try to open your car door next to a light pole, fire hydrant, sign post, etc it will slam open into it. And good luck closing it again.
At this point in time, I would put that money towards lane-holding technology or self driving capability rather than brute force repulsion and attraction of other ferrous objects, automotive or not, on and around the roads.

BUDGET MAINTENANCE

MINI PROJECT REPORT

Submitted by

MONESH R

20131430037026

Under the guidance of

Asso.Prof Ms. V. CHELLATHAI M.Sc., M.Phil.

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DECLARATION

I **MONESH R** Reg. No: **20131430037026** MCA student, hereby declare that the Mini Project Report entitled, **BUDGET MAINTENANCE** is the original work carried out by me under the supervision of **Asso.Prof MS. V. CHELLATHAI.**

Place: Chennai

Date: 22/04/2021

Sincerely,

Monesh.R

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CERTIFICATE

This is to certify that the Mini Project entitled **BUDGET MAINTENANCE** Submitted is a result of a Bonafide work carried out by **MONESH R** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22/04/2021

Project Guide

BUDGET MAINTENANCE
ABSTRACT

The objective of the project is to create a platform for Budget Maintenance System is a platform to get and store the details of a organization or a company through a web-enabled online Maintenance information system. This is mainly for streamlining the flow of annual budgetary allocation on various account heads of an establishment including Corporate Sectors. It is very necessary to keep watching the utilization of budget allotment in various heads carefully for tracking the progress of various initiatives taken by the organization.

AUTHENTIC RECOGNITION AND DETECTION

MINI PROJECT REPORT

Submitted by

PARTHIBAN M

Reg No: 2013143037027

Under the guidance of

Asso.prof Mr.P.CHRISTY JEYAKUMAR M.C.A.,M.Phil

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This is to certify that, this is a bonafide record of work done by **PARTHIBAN.M** with Register No **2013143037027** in Mini Project during the Academic Year 2020-2021.

Internal Project Guide

22/4/21

(Head of the Dept)



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DECLARATION

I **PARTHIBAN M** Reg. No: **2013143037027** MCA student, hereby declare that the Main Project Report entitled, **AUTHENTIC RECOGNITION AND DETECTION** is the original work carried out by me under the supervision of **Asso.Prof Mr.P.CHRISTY JEYAKUMARM.C.A.M.Phil.**

Place: Chennai

Date: 22.04.20

Sincerely,

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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CERTIFICATE

This is to certify that the Mini Project **AUTHENTIC RECOGNITION AND DETECTION** entitled Submitted in partial fulfillment of the requirement for the award of MCA Degree of Guru Nanak College (Autonomous), is a result of a Bonafide work carried out by **PARTHIBAN M** during the year 2020-2021, under my supervision.

Internal Guide

Place: Chennai

Date: 2.2.21

AUTHENTIC RECOGNITION AND DETECTION

ABSTRACT

Face Recognition is a individual identification system that uses personal characteristics of a person to identify the person's identity. Human face recognition procedure basically consists of two phases, namely face detection, where this process takes place very rapidly in humans, except under conditions where the object is located at a short distance away, the next is the introduction, which recognize a face as individuals.

Stage is then replicated and developed as a model for facial image recognition (face recognition) is one of the much-studied biometrics technology and developed by experts. There are kinds of methods that are currently popular in developed face recognition pattern namely.

LBPH (Local Binary Pattern Histogram). Histograms are used in larger cells to find the frequency of occurrences of values making process faster.Eigenface and Fisher face compute the dominant features of the whole training set while LBPH analyses them individually.

GAS AGENCY SYSTEM

MINI PROJECT REPORT

Submitted by

PAVITHRA N

2013143037028

Under the guidance of
Asso. Prof Mr.P.Christy Jayakumar MCA, M.Phil.



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This is to certify that, this is a bonafide record of work done by **PAVITHRA N** with Register No **2013143037028** in Mini Project during the Academic Year 2020-2021.

Internal Project Guide **Head of the Department & Dean IT**

Submitted for the Second Semester Mini Project Examination held on _____ at the DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS, GURU NANAK COLLEGE (Autonomous), Guru Nanak Salai, Velachery, Chennai - 600 042.

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **PAVITHRA N** Reg No **20131430037028** final year MCA student, hereby declare that the Mini Project Report entitled, **GAS AGENCY SYSTEM** is the original work carried out by me under the supervision of **Mr.P.Christy Jayakumar** towards the partial fulfillment of the requirements of MCA Degree at **Guru Nanak College (Autonomous).**

I further declare that this Mini Project has not been submitted elsewhere for any other degree.

Place: Chennai

Sincerely,

Date: 22-04-2021

N. Pavithra

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

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Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **GAS AGENCY SYSTEM** Submitted in partial fulfillment of the requirement for the award of MCA Degree of Guru Nanak College (Autonomous), is a result of a Bonafide work carried out by **PAVITHRA N** during the year 2020-2021, under my supervision.

Internal Guide

Place: Chennai

Date: 22-04-2021

GAS AGENCY SYSTEM

ABSTRACT

This is an online gas booking framework for clients that enables them to arrange gas barrels at whatever point required. Clients can now straightforwardly arrange gas barrel and can likewise make instalment as opposed to utilizing ordinary methodology of requesting through telephone. The regular framework sets aside prolonged stretch of time for handling solicitation and clients have no other alternative yet to pause. This undertaking takes out every one of these disadvantages. There will be client login and administrator login. Administrator has the control of the considerable number of clients account and their subtleties. There will be 12 barrels at first designated to all client accounts alongside their cost that are substantial just for one year. Also, if clients have used all the distributed barrels inside a year and would require increasingly, at that point he needs to fill a shape internet requesting an additional one that will go to administrator's record. *Gas Agency System – Application* Administrator has the control of either supporting or opposing the demand as per the guidelines and directions. There is additionally a component of setting up notices by the administrator which will be unmistakable to every one of the clients.

User and Admin Account: It has two login accounts, member login and admin login. Admin can check and verify various member and their details. He can approve or disapprove extra cylinder booking requests.

User registration: Users must first register for on the system.

User payment option: User can pay through cash on delivery or paytm or code option.

Cylinder Booking: User can request next cylinder as soon as one replenishes.

My Booking history: User can view all booking history.

Email notification: Users will receive an email stating their account balance information and an acknowledgement email for every transaction occurred.

COLLEGE LIBRARY MANAGEMENT SYSTEM

MINI PROJECT REPORT

Submitted by

PAVITHRAN P

REG NO: 20131143037029

Under the guidance of

Asso. Prof. Mr. P. CHRISTY JEYAKUMAR M.C.A., M.Phil.



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APRIL – 2021

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This is to certify that, this is a bonafide record of work done by **PAVITHRAN P** with Register No: **2013143037029** in Mini Project during the Academic Year 2020-2021.

22/4/21

Project Guide

Head of the Department & Dean IT

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DECLARATION

I PAVITHRAN P Reg. No: 2013143037029 MCA student, hereby declare that the Mini Project Report entitled, COLLEGE LIBRARY MANAGEMENT SYSTEM is the original work carried out by me under the supervision of Asso. Prof. Mr. P. CHIRSTY JEYAKUMAR M.C.A., M.Phil.

Place: Chennai

Date: 22/04/2022

Sincerely,

P. Pavithran

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CERTIFICATE

This is to certify that the Mini Project entitled **COLLEGE LIBRARY MANAGEMENT SYSTEM** Submitted is a result of a Bonafide work carried out by **PAVITHRAN P** during the year 2020-2021, under my supervision.

Place: Chennai

Project Guide

Date: 22/04/2021

COLLEGE LIBRARY MANAGEMENT SYSTEM

ABSTRACT

College Library management system is a project which aims in developing a computerized system to maintain all the daily work of library. This project has many features which are generally not available in normal library management systems like facility of user login and a facility of teacher's login. It also has a facility of admin loginthrough which the admin can monitor the whole system.

It also has facility of an online notice board where teachers can student can put upinformation about workshops or seminars being held in our colleges or nearby colleges and librarian after proper verification from the concerned institution organizing the seminar can add it to the notice board. It has also a facility where student after logging in their accounts can see list of books issued and its issue date and return date and also the students can request the librarian to add new books by filling the book request form.The liberarian after logging into his account i.e. admin account can generate various reports such as student report, issue report, teacher report and book report Overall this project of ours is being developed to help the students as well as staff of library to maintain the library in the best way possible and also reduce the human efforts.

ONLINE VOTING

MINI PROJECT REPORT

Submitted by

PRABHUDHARAN T

REG NO : 2013143037030

Under the guidance of

Asso.Prof Mr.P.CHRISTY JEYAKUMAR M.C.A., M.Phil.



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This is to certify that, this is a bonafide record of work done by **Prabhudharan T** with Register No **2013143037030** in Mini Project during the Academic Year 2020-2021.

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DECLARATION

I **Prabhudharan T** Reg. No: **2013143037030** MCA student, hereby declare that the Mini Project Report entitled, **Online Voting** is the original work carried out by me under the supervision of **Asso.prof Mr.P.Christy Jeyakumar M.C.A., M.Phil.**

Place: Chennai

Date : 22.04.2021

Sincerely,

T Prabhu

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CERTIFICATE

This is to certify that the Mini Project entitled **Online Voting** Submitted is a result of a Bonafide work carried out by **Prabhudharan T** during the year 2020-2021, under my supervision.

Place: Chennai

Date : 22.04.2021

Project Guide

ONLINE VOTING

ABSTRACT

The Online Voting is a web besed application. The system has a centralized database to keep records of all the Voters and Candidates and Final Results. This Online Voting is based on **SMS** sending to voters, to confirmation of Vote. This web based system is time saving, work load reduced information available at time and it provide security for the data. During the election, the election commission of India has introduced a new method of polling by online voting. The election commission will maintain this website. This is a simple, safe and secure method that takes minimum of time.

The word **VOTE** means to choose from a list, to elect or to determine. The main goal of voting (in a scenario involving the citizens of a given country) is to come up with leaders of the people's choice. Most countries, India not an exception have problems when it comes to voting. Some of the problems involved include ridging votes during election, insecure or inaccessible polling stations, inadequate polling materials and also inexperienced personnel.

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ONLINE BUS TICKET RESERVATION SYSTEM

MINI PROJECT REPORT

Submitted by

Pradeep N

REG NO : 20I3143037031

Under the guidance of

Asso. Prof. Mr. P. Christy Jeyakumar M.C.A., M.Phil.



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APRIL – 2021

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This is to certify that, this is a bonafide record of work done by **Pradeep N** with Register No **20131430370031** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department



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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **Pradeep N** Reg. No: **2013143037031** MCA student, hereby declare that the Mini Project Report entitled, ONLINE BUS TICKET RESERVATION SYSTEM is the original work carried out by me under the supervision of **Asso. Prof. Mr. P. Chitty Jeyakumar M.C.A., M.Phil.**

Place: Chennai

Date: 22 - 04 - 2021

Sincerely

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Guru Nanak Salai, Velachery, Chennai - 600 042.



CERTIFICATE

This is to certify that the Mini Project entitled **ONLINE BUS TICKET RESERVATION SYSTEM** Submitted is a result of a Bonafide work carried out by **Pradeep N** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22 - 04 - 2021

Project Guide

ONLINE BUS TICKET RESERVATION SYSTEM

ABSTRACT

Online Bus Ticket Reservation System is a Web based application that works within a centralized network. This project presents a review on the software program "Online Bus Ticket Reservation System" as should be used in a bus transportation system, a facility which is used to reserve seats, cancellation of reservation and different types of route enquiries used on securing quick reservations. OBTRS is built for managing and computerizing the traditional database, ticket booking and tracking bus and travel made. It maintains all customer details, bus details, reservation details. In order to achieve the design, Imo Transport Company (ITC) was chosen as a case study because of its strategic importance to Imo State. Structured Systems Analysis and Design Methodology (SSADM) was adopted. In addition, PHP Hypertext Preprocessor (PHP) language was used for the front- end of the software while the back end was designed using MySQL. The software achieved is capable of improving the customer hand and relationship management in ITC operations. It is recommended that despite the present functionality of the designed software, an additional functionality such as the use of E-mail to send tickets and notifications to the customer and an online payment using credit cards/debit cards should be implemented into the system. Furthermore, other operations carried by ITC such as the courier services should also be integrated in order to enhance the system.

Key words: OBTRS, Electronic Ticketing, ITC, Reservation, Transportation

Background of Study

The prevalent view in various global circles is that man is presently living in an age growth of information gathering, processing and dissemination, popularly called the information age. For this reason, managers and other users of information especially in transport industries are demanding more kinds of information to support management and operations. They must therefore respond to the increasing requirement for information and data management. Electronic tickets, or e-tickets, gives evidence that their holders have the permission to enter a place of entertainment, use a means of transportation, or have access to some Internet services. The design of this online system will be beneficial to the company because it has not existed before.

Therefore, Imo Transport Company, Owerri, a viable investment owned by the state government whose primary objectives are: to spread comfort and hospitality to passengers away from their home, to make profit, will definitely appreciate a system which can automate its manual operations in the area of bus ticket reservation in order to meet customers increasing demand during peak and offpeak seasons.

FINDING LOST DEBIT CARD SECURITY BASED APPLICATION

MINI PROJECT REPORT

Submitted by

SAMMANASU PRASUILLA RANI.A
REG NO: 20131A03037035

Under the guidance of
Asso. Prof Mr. V.K. ANAND MCA., M.Phil.SET



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APRIL – 2021

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This is to certify that, this is a bonafide record of work done by **SAMMANASU PRASUILLA RANI.A** with Register No **20131430370035** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head oftheDepartment&Dean IT

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **SAMMANASU PRASUILLA RANI**Reg. No: **20131403703035**MCA student, hereby declare that the Mini Project Report entitled, **FINDING LOST DEBIT CARD SECURITY BASED APPLICATION**is the original work carried out by me under the supervision of **MR. V.K.ANAND MCA, M.Phil., SET.**

Place:Chennai

Date: 02/04/2021

Sincerely,

A. Sammanasu Prasuilla Rani

DEPARTMENT OF MASTER OF COMPUTERAPPLICATIONS

GURU NANAK COLLEGE(Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **FINDING LOST DEBIT CARD SECURITY BASED APPLICATION**Submitted is a result of a Bonafide work carried out by **SAMMANASU PRASUILLA RANI**.Aduring the year 2020-2021, under my supervision.

Place: Chennai

Date: 23/04/2021

Project Guide

FINDING LOST DEBIT CARD SECURITY BASED APPLICATION

ABSTRACT

Authentication require two or more factors: "something only the user knows", "something only the user has" and "something only the user is". The factors must be validated by the other party for validation to occur. In debit cards authentication mechanisms which can be easily cracked using different mechanisms. According to US attorney report at least 7,000 fake identities are used to obtain more than 25,000 credit cards and documented $200 million in losses, but the figure could rise. The present authentication mechanisms use mechanism where we enter our PIN in pos (point of sale) devices where it is vulnerable in case if we have any skimmer devices installed in any one of the component. Sometimes we have to enter OTP (one time password) in card reader, but it's vulnerable in case of lost or theft of both mobile and card together. In proposed method, GSM mobile service is used provide the security.

Lost Debit Card ATM Card Management System When the Debit card is used, Server will request user to enter a password in his/her mobile phone. If the password valid, Server precedes the transaction, if not so, denies it. The proposed solution effectively prevents clone cards and relay attacks on Debit cards using mobile phone authentication through the flash message service. The proposed solution effectively prevents clone cards and relay attacks on Debit cards using mobile phone authentication through the flash message service. This methodology can be implemented with the current system.

FOOD ORDERINGSYSYEM

MINI PROJECTREPORT

Submitted by

PRIYADHARSHINI S
REG NO: 2013143037032

Under the guidance of
Asst.Prof. MR.P.CHRISTY JEYAKUMAR,M.C.A.,M.PHIL.



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APRIL – 2021

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This is to certify that, this is a bonafide record of work done by **PRIYADHARSHINI S** with Register No **2013143037032** in Mini Project during the Academic Year 2020-2021.

22/04/21

Project Guide

Head of the Department & Dean IT

GURU NANAK COLLEGE (AUTONOMOUS) DEPARTMENT OF MCA

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DECLARATION

I **PRIYADHARSHINI S** Reg. No: **2013143037032** MCA student, hereby declare that the Mini Project Report entitled, **FOOD ORDERING SYSTEM** is the original work carried out by me under the supervision of **Mr.P.CHRISTY JEYAKUMAR MCA.,M.Phil.,**

Place: Chennai

Date: 02/04/2021

Sincerely,

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CERTIFICATE

This is to certify that the Mini Project entitled **FOOD ORDERING SYSTEM** Submitted is a result of a Bonafide work carried out by **PRIYADHARSHINI S** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 02/04/2021

Project Guide

FOOD ORDERING SYSTEM

ABSTRACT

Online Food Ordering System is proposed here which simplifies the food ordering process. The proposed system shows an user interface and update the menu with all available options so that it eases the customer work. Customer can choose more than one item to make an order and can view order details before logging off. The order confirmation is sent to the customer. The order is placed in the queue and updated in the database and returned in real time. This is mostly designed for a single restaurant having various food items at valuable food price.

It gives effective way to order your food and almost within no time food will be delivered. Customer, he/she has login form with password in order to secure the information details and then they can select his/her favorite food items, place the order, also mention the quantity and finally can make the payment. When the order is placed, it gets stored in the database of the restaurants and then the staffs go through the orders and processes it efficiently.

Nowadays, every technical field is trying to style the human life at ease. The past couple years there has been enormous growth of internet restaurants. It's just a single window for ordering from varied series of restaurants. Basically, "Online Food Ordering System" can be defined as a simple and convenient way for the customers to purchase food online, without having to go to the restaurant. This system is very useful to those who are very busy in work or in home and do not have the time to go outside or cook the food. Customers doesn't really need to have technical knowledge to operate it. Because it is designed in very modest way. It provides complete dashboard with information about menus, orders, etc. This system can be used in any online food industry. In short, it's easy, convenient, completely transparent food software and also customer-friendly online ordering system.

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BLOOD DONATION MANAGEMENT

MINI PROJECT REPORT

Submitted by

SAIGANESH A

REG NO : 2013143037033

Under the guidance of

Asso.Prof . Mr.V.K.ANAND MCA, M.Phil ,SET.



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This is to certify that this is a bonafide record of work done by **SAIGANESH.A** with Register No **20131443037033** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department



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DECLARATION

I **SAIGANESH.A** Reg. No: **20131430370333** MCA student, hereby declare that the Mini Project Report entitled, **BLOOD DONATION MANAGEMENT** is the original work carried out by me under the supervision of **Asso.Prof Mr.V.K.ANAND MCA, M.Phil ,SET.**

Place: Chennai

Date: 22/04/2021

Sincerely,

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CERTIFICATE

This is to certify that the Mini Project entitled **BLOOD DONATION MANAGEMENT** Submitted is a result of a Bonafide work carried out by **SAIGANESH.A** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22/04/2021

Project Guide

BLOOD DONATION MANAGEMENT

ABSTRACT

This project is aimed to developing an online Blood Donation Information. The entire project has been developed keeping in view of the distributed client server computing technology, in mind. The Blood Donation Agent is to create an e-Information about the donor and organization that are related to donating the blood. Through this application any person who is interested in donating the blood can register himself in the same way if any organization wants to register itself. Moreover if any general consumer wants to make request blood online he can also take the help of this site. Admin is the main authority who can do addition, deletion, and modification if required. The project has been planned to be having the view of distributed architecture, with centralized storage of the database. The application for the storage of the data has been planned. Using the constructs of MS-SQL server and all the user interfaces have been designed using the JAVA technologies.

The database connectivity is planned using the "SQL connection" methodology. The standards of security and data protective mechanism have been given a big choice for proper usage. The application takes care of different modules and their associated reports, which are produced as per the applicable strategies and standards that are put forwarded by the administrative staff. The entire project has been developed keeping in view of the distributed client server computing technology, in mind.

The specification has been normalized up to 3NF to eliminate all the anomalies that may arise due to the database transaction that are executed by the general users and the organizational administration. The basic constructs of table spaces, clusters and indexes have been exploited to provide higher consistency and reliability for the data storage.

VEHICLE INVESTIGATION SYSTEM

MINI PROJECT REPORT

Submitted by

SAKTHI S

REG NO : 2013143037034

Under the guidance of

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This is to certify that, this is a bonafide record of work done by **SAKTHI S** with Register No **2013143037034** in Mini Project during the Academic Year 2020-2021.

Internal Project Guide

Head of the Department & Dean IT

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DECLARATION

I SAKTHI S Reg. No: 2013143037034 Final year MCA student, hereby declare that the Mini Project Report entitled, **VEHICLE INVESTIGATION SYSTEM** is the original work carried out by me under the supervision of Asst. Prof MR.V.K.ANAND MCA,M.Phil,SET. towards the partial fulfillment of the requirements of MCA Degree at **Guru Nanak College (Autonomous).**

Sincerely,

Place: Chennai

Date: 22.04.21

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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CERTIFICATE

This is to certify that the Mini Project entitled **VEHICLE INVESTIGATION SYSTEM** Submitted in partial fulfillment of the requirement for the award of MCA Degree of Guru Nanak College (Autonomous), is a result of a Bonafide work carried out by **SAKTHI S** during the year 2020-2021, under my supervision.

Internal Guide

Place: Chennai

Date: 22.04.21

VEHICLE IVESTIGATION SYSTEM

ABSTRACT

It s sometime very difficult to find out the complaint number which we have made earlier for our query. This vehicle investigation system will responsible to take user s query for their stolen vehicle and generate a unique complaint id for their registration. Users will able to get details upon the progress report by using this complaint id for their vehicle and the location where their vehicle has been found. To get report details and complaint id, users have to register their vehicle by giving all the details such as the model number, brand name, vehicle number, purchase date, last used and location from where their vehicle has been stolen.

Even when users will forget their complaint id, he or she will able to get this complaint id by entering their vehicle number and its corresponding details. By using complaint id users will only able to check their investigation status and to use this system, each users should have a valid login id and password to make a secure system. To make more interactive system admin panel also been provided with facility to add images and define model number of vehicle, through which users can have a look of their vehicle model during complaint registration process.

Dance Academy Management System

MINI PROJECT REPORT

Submitted by

SAMPATH KUMAR H

REG NO : 2013143037036

Under the guidance of

Asst. Prof MR.V.K.ANAND MCA,M.Phil,SET.



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This is to certify that, this is a bonafide record of work done by **SAMPATH KUMAR H** with Register No **2013143037036** in Mini Project during the Academic Year 2020-2021.

Project Guide

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DECLARATION

I SAMPATH KUMAR H Reg. No: 2013143037036 MCA student, hereby declare that the Mini Project Report entitled, **Dance Academy Management System** is the original work carried out by me under the supervision of Asst. Prof MR.V.K.ANAND MCA,M.Phil,SET.

Place: Chennai

Date: 25/4/2021

Sincerely,

2017

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This is to certify that the Mini Project entitled **Dance Academy Management System** Submitted is a result of a Bonafide work carried out by **SAMPATH KUMAR H** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22/4/2021

Project Guide

Dance Academy Management System

ABSTRACT

Dance Academy Management System is the web application to manage the activities of dance academy. This project keeps track of all dance academy information like student inquiry/registration information, batch information, attendance details, staff information and keeps track of dance academy day to day transactions.This is the web based project developed in HTML,CSS,JAVASCRIPT and SQL. In this system it will display all information about academy and at the same time this project manages all activities dance academy. It has online application form which helps new students to apply through online.It is an online website which provides a platform for all age groups to learn and excel in the most amazing and loved field called Dance. It has various famous choreographers available to train the candidates.

It also provides a safe and fun environment that allows every individual in developing skills.

Features :

- Enquiry Information: To feed day-to-day enquiry.
- Student registration : To feed the information of enquiries which are taking admissions. All the necessary information has to be fed.
- Batch details: To feed the details like batch code, name and duration.

Trainer Information: To feed the details like Trainer name, address, timing, salary etc.

- Candidates can register online for their desired dance forms.
- It has two types of service which are at the studio and at home.

ONLINE BANKING

MINI PROJECT REPORT

Submitted by

SARAN K

REG NO : 2013143037037

Under the guidance of

Asso. Prof MR.V.K.ANAND MCA,M.Phil,SET



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This is to certify that, this is a bonafide record of work done by **SARAN K** with Register No **2013143037037** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department

2021

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DECLARATION

I SARAN K Reg. No: **20131143037037** MCA student, hereby declare that the Mini Project Report entitled, **Online Banking** is the original work carried out by me under the supervision of Mr. V.K.ANAND MCA ,M.Phil ,SET Asso. Prof

Sincerely,

Place: Chennai

Date:22/04/2021

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CERTIFICATE

This is to certify that the Mini Project entitled **Online Banking** Submitted is a result of a Bonafide work carried out by **SARAN K** during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date:22/04/2021

Online Banking

Online Banking System Project is a model Internet Banking Site. This site enables the customers to perform the basic banking transactions by sitting at their office or at homes through PC or laptop. The customers can access the banks website for viewing their Account details and perform the transactions on account as per their requirements.

Bank employee can login and add customer and account information perform transaction. With Internet Banking, the brick and mortar structure of the traditional banking gets converted into a click and portal model, thereby giving a concept of virtual banking a real shape.

Thus today's banking is no longer confined to branches. E-banking facilitates banking transactions by customers round the clock globally.

Online banking System Modules

1. **Home** – Home page of Online Banking site.
2. **New Account** – Creation of new account.
3. **Balance** – View balance of account.
4. **Deposit** – Deposit amount into selected account.
5. **Withdraw** – Withdraw amount from selected account.
6. **Transfer** – Transfer amount from one account to other account.
7. **Close A/c** – Close account.

STUDENT ATTENDANCE MANAGEMENT

MINI PROJECT REPORT

Submitted by

G.SARAN PRASATH

REG NO : 2013143037038

Under the guidance of

Asso. Prof MR.V.K.ANAND MCA,M.Phil,SET



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APRIL – 2021

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This is to certify that, this is a bonafide record of work done by **G.SARAN PRASATH** with Register No **2013143037038** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department

GURU NANAK COLLEGE (AUTONOMOUS) DEPARTMENT OF MCA

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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DECLARATION

I G.SARAN PRASATH Reg. No: **20131143037038** MCA student, hereby declare that the Mini Project Report entitled, **STUDENT ATTENDANCE MANAGEMENT** is the original work carried out by me under the supervision of **Mr. V.K.ANAND MCA ,M.Phil ,SET Asso. Prof**

Place: Chennai

Date: 25.04.2024

Sincerely,

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CERTIFICATE

This is to certify that the Mini Project entitled **STUDENT ATTENDANCE MANAGEMENT** Submitted is a result of a Bonafide work carried out by **G.SARAN PRASATH** during the year 2020-2021, under my supervision.

Place: Chennai

Project Guide

Date: 03.04.2021

STUDENT ATTENDANCE MANAGEMENT

ABSTRACT

Attendance management is important to every single organization; it can decide whether or not an organization such as educational institutions, public or private sectors will be successful in the future. Organizations will have to keep a track of people within the organization such as employees and students to maximize their performance. Managing student attendance during lecture periods has become a difficult challenge.

The ability to compute the attendance percentage becomes a major task as manual computation produces errors, and wastes a lot of time. For the stated reason, an efficient Web-based application for attendance management system is designed to track student's activity in the class. This application takes attendance electronically and the records of the attendance are storing in a database. The system design using the Model, View, and Controller (MVC) architecture, and implemented using the power of Laravel Framework. JavaScript is adding to the application to improve the use of the system. MySQL used for the Application Database.

The system designed in a way that can differentiate the hours of theoretical and practical lessons since the rate of them is different for calculating the percentages of the students' absence. Insertions, deletions, and changes of data in the system can do straightforward via the designed GUI without interacting with the tables

Introduction due to student's interest in classrooms, and whose is the largest union in the study environment of university or institution, so recording absence at a department having a large number of students in a classroom is a difficult task and time-consuming. Moreover, the process takes much time, and many efforts are spent by the staff of the department to complete the attendance rates for each student. So in many institutions and academic organizations, attendance is a very important criterion which is used for various purposes.

These purposes include record keeping, assessment of students, and promotion of optimal and consistent attendance in class. As long as in many developing countries, a minimum percentage of class attendance is required in most institutions and this policy has not been adhered to, because of the various challenges the present method of taking attendance presents. The process of recording attendances for students was in the form of hardcopy papers and the system was manually done. Besides wasting time and taking efforts for preparing sheets and documents, other disadvantages may be visible to the traditional one due to loss or damage to the sheets-sheet could be stolen

HOME AUTOMATION

MINI PROJECT REPORT

Submitted by

Sathish N

Reg no: 2013143037039

Under the guidance of

Asso. Prof. Dr. V.K. Anand MCA., M.Phil. SET



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APRIL – 2021

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This is to certify that, this is a bonafide record of work done by **Sathish N** with Register No **2013143037039** in Mini Project during the Academic Year 2020-2021.

Internal Project Guide

Head of the Department & Dean IT

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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DECLARATION

I **Sathish N** Reg. No: **20131430370039** final year MCA student, hereby declare that the Mini Project Report entitled, **home automation** is the original work carried out by me under the supervision of **Associate professor Dr. V.K. Anand MCA., M.Phil. SET.**

Place: **Chennai**

Date: **22/04/2021**

Sincerely,

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CERTIFICATE

This is to certify that the Mini Project entitled **home automation** Submitted in partial fulfillment of the requirement for the award of MCA Degree of Guru Nanak College (Autonomous), is a result of a Bonafide work carried out by **Sathish N** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22/04/2021

Internal Guide

HOME AUTOMATION

ABSTRACT

This project helps to control the electrical loads with the help of android application. The electrical loads are controlled based on Bluetooth input signal. This input signal is received from the android device. Many times it becomes too tiring to operate the electrical switches manually every now and then. This is a big problem especially in case of aged or handicapped people. This system solves the issue by interfacing a unit with home appliances that switches these loads based on the input received from android device. The android device may be any android based phone or tab having an android OS. The app also provides an effective GUI for providing this functionality. An 8051 microcontroller is used in this system. The Bluetooth receiver is interfaced with microcontroller in order to accept the commands and then react accordingly. It operates the loads through a set of relays using a relay driver IC. Relays are used between loads and the control unit.

This system proves to be very beneficial for controlling various domestic applications and in industrial setups. The power supply setup of the system contains a step down transformer of 230/12V, used to step down the voltage to 12VAC. To convert it to DC, a bridge rectifier is used. In order to remove the ripples, a capacitive filter is used and it makes use of 7805 voltage regulator to regulate it to +5V that will be needed for microcontroller and other components operation.

2034

HEALTH CARE PREDICTION

MINI PROJECT REPORT

Submitted by

SIVA SHANKARAN V

2013143037041

Under the guidance of

Asst.Prof Ms. K. JAYABHARATHI M.Sc., M.Phil., SET.



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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APRIL 2021

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This is to certify that, this is a bonafide record of work done by **SIVA SHANKARAN V** with Register No **2013143037041** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department

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DECLARATION

I **SIVA SHANKARAN V** Reg. No: **2013143037041** MCA student, here by declare that the Mini Project Report entitled, **HEALTH CARE PREDICTION** is the original work carried out by me under the supervision of **Asst.Prof Ms. K. Jayabharathi.**

Place: Chennai

Date: 22/04/2021

Sincerely,

Siva Shankaran. V

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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CERTIFICATE

This is to certify that the Mini Project entitled **HEALTH CARE PREDICTION** Submitted is a result of a Bonafide work carried out by **SIVA SHANKARAN V** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22/04/2021

K.J

Project Guide

HEALTH CARE PREDICTION

ABSTRACT

The Health Prediction system is an end user support and online consultation project. Here we propose a system that allows users to get instant guidance on their health issues through an intelligent health care system online. The system is fed with various symptoms and the disease/illness associated with those systems.

The system allows user to share their symptoms and issues. It then processes user symptoms to check for various illness that could be associated with it. Here we use some intelligent data mining techniques to guess the most accurate illness that could be associated with patient's symptoms. If the system is not able to provide suitable results, it informs the user about the type of disease or disorder it feels user's symptoms are associated with. If user symptoms do not exactly match any disease in our database, is shows the diseases user could probably have judging by his/her symptoms. It also consists of doctor address, contacts along with Feedback and administrator dashboard for system operations.

SCHOOL ONLINE APPLICATION

MINI PROJECT REPORT

Submitted by

SRI BALAJI K

2013143037002

Under the guidance of

Asso. Prof Ms. K. JAYABHARATHI **M.Sc., M.Phil., SET**

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APRIL 2021

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This is to certify that, this is a bonafide record of work done by SRI BALAJI K with Register No **2013143037042** in Mini Project during the Academic Year 2020-2021.

Project Guide

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I SRI BALAJI K Reg. No: 2013143037042 MCA student, hereby declare that the Mini Project Report entitled, School Online Application is the original work carried out by me under the supervision of Asst.Prof Ms.K.JAYABHARATHI .

Place: Chennai

Date: 22/04/2021

Sincerely,

Sri Balaji K

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **School Online Application** Submitted is a result of a Bonafide work carried out by **SRI BALAJI K** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22/04/2021

Project Guide

Title - SCHOOL ONLINE APPLICATION

Abstract

Online student admission is a web based application that give students the opportunity to go online and apply for admission well as process their school admission details. The manual method of applying and processing students admission is very stressful and cumbersome, forms and files get lost during the process, students cue up under the sun days attending just to process their admission details while staff sit for long laborious hours attending to students. All these problems have been examined and a suitable solution provided. The online students, admission system has a centralized database to keep record of all the students record in the system. The prospective studerts could sign-up into the system. The students can apply for admission as well as provide their details such as; the course they want to study and personal data. The students can ask questions and clear doubts. This web-based system will be cost effective and it will save the students and the non-academic staff that manage student admission processing the enormous stress and time they spend in the manual system.

QUALITY CONTROLLER

MINI PROJECT REPORT

Submitted by

SUBASHRI R.P

REG NO :2013143037043

Under the guidance of

Asst. Prof. Ms. K. JAYABHARATHI M.Sc., M.Phil, SET



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

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APRIL – 2021

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This is to certify that, this is a bonafide record of work done by **SUBASHRI R.P** with Register No **2013143037043** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department

GURU NANAK COLLEGE (AUTONOMOUS) DEPARTMENT OF MCA

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **SUBASHRI R.P** Reg. No: **20131430370043** MCA student, hereby declare that the Mini Project Report entitled, **QUALITY CONTROLLER** is the original work carried out by me under the supervision of **Ms. K.JAYABHARATHI**

Place: Chennai

Date: 22.04.2021

Sincerely,

Subashri R.P

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **QUALITY CONTROLLER** Submitted is a result of a Bonafide work carried out by **SUBASHRI R.P** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22.04.2021

Project Guide

QUALITY CONTROLLER

ABSTRACT

Quality Controller are vital parts of highway runoff water-quality monitoring projects. To be effective, project quality assurance must address all aspects of the project, including project management responsibilities and resources, data quality objectives, sampling and analysis plans, data-collection protocols, data quality-control plans, data-assessment procedures and requirements, and project outputs. Quality control ensures that the data quality objectives are achieved as planned. The historical development and current state of the art of quality assurance and quality control concepts described in this report can be applied to evaluation of data.

The Quality Control process includes quality planning, training, providing clear decisions and directions, constant supervision, immediate review of completed activities for accuracy and completeness, and documenting all decisions, assumptions and recommendations.

In the construction plan development process, it is the clear responsibility of the designer to ensure all project elements are economical, accurate, properly prepared, coordinated, checked, and completed. In order for the project to consistently meet the needs and expectations of our citizens, quality must be as important as the schedule and budget.

Design personnel shall follow established design policies, procedures, standards and guidelines in the preparation and review of all design products.

Design consultants are agents for the project with the primary responsibility for preparation of construction plans. Consultants must ensure quality and adhere to established design policies.

2049

CONVERSION OF TEXT IN DESIRED LANGUAGE

MINI PROJECT REPORT

Submitted by

SUBRAMANIAN G

REG NO : 20131430370044

Under the guidance of

Asst.Prof.Ms.K.JAYABHARATHI M.sc,M.Phil,SET



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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APRIL – 2021

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This is to certify that, his is a bonafide record of work done by **SUBRAMANIAN G** with Register No **20131430370044** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head oftheDepartment&Dean IT

GURU NANAK COLLEGE (AUTONOMOUS) DEPARTMENT OF MCA

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GURU NANAK COLLEGE(Autonomous)

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Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled Submitted is a result of a , CONVERSION OF TEXT IN DESIRED LANGUAGEBonafide work carried out by SUBRAMANIAN G during the year 2020-2021, under my supervision.

Project Guide

Place:Chennai

Date: 29.04.21

DEPARTMENT OF MASTER OF COMPUTERAPPLICATIONS

GURU NANAK COLLEGE(Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **SUBRAMANIAN G** Reg. No: **20131403037044** MCA student, hereby declare that the Mini Project Report entitled **CONVERSION OF TEXT IN DESIRED LANGUAGE** is the original work carried out by me under the supervision of **Ms.K.JAYABHARATHI.**

Sincerely,

Place:Chennai

Date: 24/04/21

CONVERSION OF TEXT IN DESIRED LANGUAGE

ABSTRACT

In the survey Indian Foundation for Blind 2019, is observed that there are 6.8 trillion people are visually impaired and they still find difficult to roll their day today life it is important to take necessary measure with the emerging technologies to help them to live the current world irrespective of their impairments. In the motive of supporting the visually impaired, a method is proposed to develop a self-assisted text to speech module in order to make them read and understand the text in an easier way. It is not only applicable for the visually impaired but also to any normal human beings who are willing to read the text as a speech as quickly as possible. A finger mounted camera is used to capture the text image from the printed text and the captured image is analyzed using optical character recognition (OCR). A predefined dataset is loaded in order to match the observed text with the captured image. Once it is matched the text is synthesized for producing speech output. The main advantage of proposed method is that, it reduces the dataset memory required for the comparison since only character recognition is being done. The same work is simulated using Python simulator software for the performance analysis of proposed work for various input sets.

ONLINE TRAIN TICKET BOOKING

MINI PROJECT REPORT

Submitted by

SUDHARSANAN S

REG NO : 2013143037045

Under the guidance of

Asst.Prof Ms .K. JAYABHARATHI M.Sc, M. Phil, SET.



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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This is to certify that, this is a bonafide record of work done by **SUDHARSANAN S** with Register No : **2013143037045** in Mini Project during the Academic Year 2020-2021.

Project Guide

22/4/21

Head of the Department & Dean IT

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(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **SUDHARSANAN S** Reg. No : **2013143037045** MCA student, hereby declare that the Mini Project Report entitled, **Online Train Ticket Booking** is the original work carried out by me under the supervision of **Asst. Prof Ms .K .JAYABHARATHI M.Sc, M.Phil ,SET.**

Place: Chennai

Date: 22/04/2021

Sudharsan

Sincerely,

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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **Online Train Ticket Booking** Submitted is a result of a Bonafide work carried out by **SUDHARSANAN S** during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 22/04/2021

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Online Train Ticket Booking

ABSTRACT

India's leading travel portal is the best way to book train tickets online. No matter where you are in the country, make a hassle-free railway reservation from us using your computer or smartphone. Along with it, you can avail exciting discounts on your first time of booking but also get them on the following rail tickets. Additionally, you will have all the updated information of the seats and classes of trains that are available to book.

During the online train ticket booking session, you don't require any documents. However, during the train journey, the traveller must carry a valid photo ID proof such as Aadhar Card, Voter ID Card, Driving Licence, Pan Card. IRCTC does not allow to make changes once the ticket is booked. In case any amendments or modifications are required on your booked train ticket, then you will need to cancel the ticket and rebook another train ticket.

Along with an easy train ticket booking procedure, Goibibo offers exciting train ticket offers and Go cash advantages while booking train tickets. Goibibo also offers a plethora of payment options on online train booking. Credit Cards, Debit Cards, E-wallets, UPI, Net banking, Google Pay and Credit Card EMIs are some of the online payment options accepted at Goibibo for train ticket booking. Goibibo app assures a seamless mobile train ticket booking experience. With easy access to your ticket and instant tracking of PNR status, you can find all the information related to your train ticket booking on your fingertips.

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PLASMA DONATION

MINI PROJECT REPORT

Submitted by:

SUNDARA MOORTHI G.

REG NO: 2[illegible]3143037046

Under the guidance of

Asst.Prof.Ms.K.JAYABHARATHI M.Sc, M.PHIL SET



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GURU NANAK COLLEGE (Autonomous)

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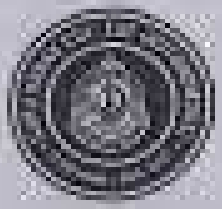
APRIL 2021

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Project Guide

Head of the Department



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(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I, SUNDARA MOORTHI G, Reg. No: 20131426071[illegible], hereby declare that the Mini Project Report entitled, PLASMA DONATION is the original work carried out by me under the supervision of

Asst.Prof.Ms.K.Jayabharathi, B.Sc,M.Phil,SET

Place: Chennai

Date: 27/09/2013

Signature,

SUNDARA MOORTHI G

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai – 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled PLASMA DONATION submitted is a result of a Bonafide work carried out by SUNDARA MOORTHI G during the year 2020-2021, under my supervision.

Place: Chennai

Date: 26/04/2021

Project Guide.

PLASMA DONATION

Abstract:

If you have fully recovered from COVID-19, you may be able to help patients currently fighting the infection by donating your plasma.

Because you fought the infection, your plasma now contains COVID-19 antibodies. These antibodies provided one way for your immune system to fight the virus when you were sick, so your plasma may be able to be used to help others fight off the disease

The plasma protein therapeutics industry supports volunteerism donation in all of its forms. Source plasma donation and blood donation are critically important activities that contribute to saving lives. Source plasma and recovered plasma are used to produce therapies that treat people with rare, chronic diseases and disorders such as primary immunodeficiency, hemophilia and a genetic lung disease, as well as in the treatment of trauma, burns and shock. While blood donations most often are used locally in hospitals for transfusions required during surgery or other medical treatment.

GYM MANAGEMENT

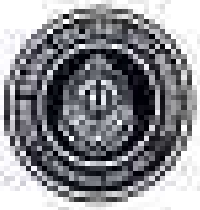
MINI PROJECT REPORT

Submitted by

THIRUNEELAGANDAN C
REG NO – 20113403704B

Under the guidance of

Asst.Prof Ms.K.JAYABHARATHI M.Sc.,M.Phil,SET



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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APRIL – 2021

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Guru Nanak Salai, Velachery, Chennai - 600 042.

This is to certify that, this is a bonafide record of work done by THIRUNEELAGANDAN C with Register No:2030430107048 in Mini Project during the Academic Year:2020-2021.

Project Guide

Head of the Department

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **THIRUNEELAGANDAN C** Reg No: **20131143037048** MCA student, hereby declare that the Mini Project Report entitled, **GYM MANAGEMENT** is the original work carried out by me under the supervision of **Asst.Prof Ms.K.JAYABHARATHI M.Sc.,M.Phil,SET**

Place: Chennai

Date: 22/04/2021

Sincerely,

C. Thiruneelagandan

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **GYM MANAGEMENT** Submitted is a result of a Bonafide work carried out by **THIRUNEELAGANDAN C** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22/04/2021

Project Guide

MINI PROJECT TITLE
ABSTRACT

In many Gyms,the payment receipts are in paper format. So it is very difficult for both gym members to keep all the paper receipts safely and to gym trainer to keep reminding for the fee receipts.Sometimes it creates a trouble when members lost their receipts. The other problem that can be faced by a gym owner is that if he/she wants to inform any message related to working or non working days of gym, manually sending message become difficult.

If there is online application available these problems can be solved. So, I am developing an android application to overcome some of these issues. So this project can be helpful for both gym owner as well as for gym members. In this application all receipts are store in a digital format, so there are no issues of loosing any confidencial receipts.

This application will also notify the user(gym members) about their fees and also notifies the gym owner about the payment clearence.This application in future can be elaborated by providing supplement store , diet information, personal training etc. GYM Management Systems Applications

AN APP FOR RESTAURANT FINDER

MINI PROJECT REPORT

Submitted by

Udaya Prakash U

REG NO :2013143037049

Under the guidance of

Assistant Professor Ms.K.Jayabharathi M.Sc M.Phil SET



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APRIL 2021

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This is to certify that, this is a bonafide record of work done by **Udaya Prakash U** with Register No **20131430370049** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department

GURU NANAK COLLEGE (AUTONOMOUS) DEPARTMENT OF MCA

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **Udaya Prakash U** Reg. No: **2013143037049** MCA student, hereby declare that the Mini Project Report entitled, **AN APP FOR RESTAURANT FINDER** is the original work carried out by me under the supervision of **Jayabharathi K.**

Sincerely,

Place: Chennai

Date:22.04.2021

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **AN APP FOR RESTAURANT FINDER** Submitted is a result of a Bonafide work carried out by **Udaya Prakash U** during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 22.04.2021

AN APP FOR RESTAURANT FINDER

ABSTRACT

Have2eat is a popular mobile applicationavailable for iPhone and Android-based de-vices that helps users to find and assessnearby restaurants.

It lists restaurants lo-cated around the device and provides a quickhighlight about the opinions expressed byonline reviewers.

Have2eat summarizes tex-tual reviews by extracting relevant sentencesand by automatically generating detailed rat-ings about specific aspects of the restaurant.

A compact one-screen digest allows users toquickly access the information they need, ex-pand to full review pages, and report their ex-perience online by entering rating and comments.

Bloggers, professional reviewers, and consumerscontinuously create opinion-rich web reviews aboutproducts and services, with the result that textual re-views are now abundant on the web and cften con-vey a useful overall rating.

However, an overall rat-ing cannot express the multiple or conflicting opin-ions that might be contained in the text and screen-ing the content of a large number of reviews couldbe a daunting task.

For example, a restaurant mightreceive a great evaluation overall, while the servicemight be rated below-average due to slow and dis-courteous wait staff.

Pinpointing opinions in doc-uments, and the entities being referenced, wouldprovide a finer-grained sentiment analysis and bet-ter summarize users' opinions.

In addition, select-ing salient sentences from the reviews to textuallysummarize opin.ons would add useful details to con-sumers that are not expressed by numeric ratings

Have2eat1is a popular2mobile application avail-able for iPhone and Android-based devices that ad-dresses these challenges.

Have2eat uses the geo-location information either from the GPS device orexplicitly entered by the user to produce a list of restaurants sorted by distance and located within aspecific radius from the originating location.

In addi-tion, when restaurant reviews are available, a compactone-screen digest displays a summary of the reviewsposted on the web by other customers.

Customerscan expand to read a full review page and also entertheir own ratings, comments and feedback. The re-view summaries are visualized on the mobile screen.

GRAPHICALLY : by thumbs-up (positive reviews)and thumbs-down (negative reviews) for differ-ent aspects of the restaurant;

TEXTUALLY : by a few sentences selected from re-view texts that best summarize the opinionsabout various aspects of the restaurant expressedin the reviews;

This demonstration has shown a restaurant finder ap-plication for mobile phones, which makes use ofsummarization techniques to predict aspect ratingsfrom review text and select salient phrases express-ing users' opinions about specific restaurant aspects.

Users can directly contribute with their feedback bytapping on the aspect thumbs buttons or by directlytyping comments.

2075

BRAIN-COMPUTER INTERFACE (BCI)

MINI PROJECT REPORT

Submitted by

N. VASANTH REG NO : 2013143037050

Under the guidance of

Asst.Prof.Ms. K. JAYABHARATHI M.Sc, M.Phil, SET



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

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APRIL – 2021

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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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This is to certify that, this is a bona fide record of work done by **N. VASANTH** with Register No **2013143037050** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department & Dean IT

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I N. VASANTH Reg. No: 20131430037050 MCA student, hereby declare that the Mini Project Report entitled, BRAIN-COMPUTER INTERFACE (BCI) is the original work carried out by me under the supervision of Asst.Prof.Ms. K. JAYABHARATHI M.Sc, M.Phil, SET

Place: Chennai

Date: 22.04.2021

Sincerely,

N Vasanth

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled BRAIN-COMPUTER INTERFACE (BCI) Submitted is a result of a Bona fide work carried out by N. VASANTH during the year 2020-2021, under my supervision.

Place: Chennai

Project Guide

Date: 22.02.2021

BRAIN-COMPUTER INTERFACE (BCI)

ABSTRACT

Brain-computer interfaces (BCIs) acquire brain signals, analyze them, and translate them into commands that are relayed to output devices that carry out desired actions. Brain-Computer Interface (BCI) have the potential to improve the quality of life of individuals with severe motor disabilities. BCI capture the user's brain activity or neural signals and translate it into commands for the control of a physical effector, such as a computer cursor, robotic limb, or functional electrical stimulation device. BCIs do not use normal neuromuscular output pathways. The main goal of BCI is to replace or restore useful function to people disabled by neuromuscular disorders such as amyotrophic lateral sclerosis, cerebral palsy, stroke, or spinal cord injury. From initial demonstrations of electroencephalography-based spelling and single-neuron-based device control, researchers have gone on to use electroencephalographic, intracortical, electrocorticographic, and other brain signals for increasingly complex control of cursors, robotic arms, prostheses, wheelchairs, and other devices. Through BCI system there is a possibility of Full dexterous manipulation of robotic and prosthetic arms, legs or any other prosthetic parts, but to achieve that the system has to inherent the need to decode the high dimensional and preferably real time control commands from the user's neural activity. The user and the BCI work together. The user, often after a period of training, generates brain signals that encode intention, and the BCI, also after training, decodes the signals and translates them into commands to an output device that accomplishes the user's intention.

The BCI can be also be a key to Neurologic Rehabilitation, where the brain can be retrained to specific activities in which an ultimate improvement of function can be expected. BCIs need signal-acquisition hardware that is convenient, portable, safe, and able to function in all environments. BCI systems need to be validated in long-term studies of real-world use by people with severe disabilities, and effective and viable models for their widespread dissemination must be implemented. Finally, the day-to-day and moment-to-moment reliability of BCI performance must be improved so that it approaches the reliability of natural muscle-based function.

To achieve this, a BCI system have to consists of 4 major sequential components and they are Signal acquisition, Feature extraction, Feature translation, and a device output. And these 4 components are controlled by an operating protocol that defines the onset and timing o operation, the details of signal processing, the nature of the device commands, and the oversight of performance.

BIKE CAR SERVICE MANAGEMENT SYTEM

MINI PROJECT REPORT

Submitted by

N VEERAMANI

REG NO :2013143037052

Under the guidance of

Asst.Prof Dr.D.ELANTAMILAN MCA, Ph.D.



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

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Guru Nanak Salai, Velachery, Chennai - 600 042.

APRIL – 2021

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(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

This is to certify that, this is a bonafide record of work done by **N VEERAMANI** with Register No **2013143037052** in Mini Project during the Academic Year 2020-2021.

Project Guide

Head of the Department & Dean IT

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **N VEERAMANI** Reg. No: 20131430J7052 MCA student, hereby declare that the Mini Project Report entitled, **BIKE CAR SERVICE MANAGEMENT SYSTEM** is the original work carried out by me under the supervision of

Asst.Prof .Dr.D.ELANTAMILAN MCA, Ph.D.

Place: Chennai

Sincerely,

Date: 11.04.2021

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **BIKE CAR SERVICE MANAGEMENT SYSTEM** Submitted is a result of a Bonafide work carried out by **N VEERAMANI** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22/01/2021

Project Guide

BIKE CAR SERVICE MANAGEMENT SYSTEM
ABSTRACT

Now a day, technology is on a boost. People wish to live a luxurious life with minimum physical work. Here we provide a mobile application for 'Bike Service System'. This application is an android app which can be run on any android compatible tablets and mobile phones. The app will enable any bike user to search and communicate with any bike service center in the vicinity. The user can find the service center, get its location and check and select any of the services provided by the respective service center.

The user can send request for pick and drop, appointment for servicing, test drive as well as accessories purchase to the dealer. The dealer processes these requests and gives a response back to the user through push messages.

Online Bike Service Management Application This app also enables the user to set alarms for next servicing date, payment of insurance installment, etc. The app is provided with an extra feature of EMI calculator too. Thus we are developing an application which goes hand in hand with the new age technology and characterizes – user friendliness, in informativeness and time saving.

2085

STUDENT ATTENDANCE SYSTEM USING BARCODE SCAN

MINI PROJECT REPORT

Submitted by

VENKATAKRISHNAN V

REG NO: 2013143037053

Under the guidance of

Asst. Prof Dr. D. ELANTAMILAN MCA, Ph.D



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

APRIL – 2021

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Project Guide

Head of the Department & Dean IT



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DECLARATION

I **VENKATAKRISHNAN V** Reg. No: **2013143037053** MCA student, hereby declare that the Mini Project Report entitled, **STUDENT ATTENDANCE SYSTEM USING BARCODE SCAN** is the original work carried out by me under the supervision of **Asst. Prof Dr. D. ELANTAMILAN MCA, Ph.D**

Place: Chennai

Date: 22-04-2021

Sincerely,

V. Venkatakrishnan

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **STUDENT ATTENDANCE SYSTEM USING BARCODE SCAN** Submitted is a result of a Bonafide work carried out by **VENKATAKRISHNAN V** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22-04-2021

Project Guide

STUDENT ATTENDANCE SYSTEM USING BARCODE SCAN

ABSTRACT

Student attendance play significant role in order to justify academic outcome of a student and school as overall.

Unfortunately there is no automated attendance record keeping application available in schools or college.

A preliminary study has been conducted in one of secondary schools in order to understand the manual attendance record keeping process.

Through interview session student attendance system (SAS) development team have identified that teachers and school management face problem in recording and managing attendance of their student.

Here fore, SAS has been proposed and developed.

Result of UAT shows most of the user satisfied with the system with some minor changes required.

2090

MOBILE APP FOR SHARING MARRIAGE INVITATION

MINI PROJECT REPORT

Submitted by

VENKATESAN VS

REG NO: 2013143037054

Under the guidance of

Asst. Prof. Dr. Elantamilan D M.C.A., Ph.D



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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Project Guide

22/4/21

Head of the Department

GURU NANAK COLLEGE (AUTONOMOUS) DEPARTMENT OF MCA

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **VENKATESAN VS** Reg. No: **2013143037054** MCA student, hereby declare that the Mini Project Report entitled, **MOBILE APP FOR SHARING MARRIAGE INVITATION** is the original work carried out by me under the supervision **of Asst. Prof. Dr. Elantamilan D M.C.A., Ph.D**

Place : Chennai

Date : 22-04-2021

Sincerely,

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **MOBILE APP FOR SHARING MARRIAGE INVITATION** Submitted is a result of a Bonafide work carried out by **VENKATESAN VS** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 22-04-2021

Project Guide

MOBILE APP FOR SHARING MARRIAGE INVITATION

ABSTRACT

This is a Invitation application user can create and post new invitations on wedding, engagement and house warming occasions. Our Proposed work consist of three modules post, search and view posted invitations. This will be implemented by taking wedding or engagement or house warming occasion related details from user and then ask user to post or search an invitations. Once user get registered in this application they are allowed to post, search and view the invitations. Google map also added in this application, the exact occasion venue will shown by getting address from user and shown on Google map. *Sharing Marriage Invitation* Google Maps is a Web-based service that provides detailed information about geographical regions and sites around the world. In addition to conventional road maps, Google Maps offers aerial and satellite views of many places. Google map can helps people as creating understandable directions and root to reach your functions places. This proposed work has been implemented using HTML, CSS, JS,
Angular JS, PHP and MYSQL.

From comic book style invites to fancy save the dates, e-invite creator apps are largely a more fuss-free way to go. Plus, they're cheaper by a dozen when you're DIY-ing the wedding invite. When you make an e-invite or get it designed by someone, you can customise it with all the elements that define your relationship. You can also choose to create a single kind of e-invite for all, or personalise each invite for your treasured guests, the way Sonam Kapoor herself did. And when you seriously wish to make it simpler for yourself, you can always use a mobile app to create an e-invite for your wedding functions!

E-invites are lighter on the pocket, but heavier on the impact. But the main question is where to make e-invites and how to make e-invite yourself! Well, god bless technology, because making e-invites is easier than ever. With all the fun e-invitation maker apps out there, you can create a quick e-invite for you and your beau's nuptials in no time. Here are some of our favourite apps for making e-invites!

FERTILIZER MANAGEMENT SYSTEM

MINI PROJECT REPORT

Submitted by

VIGNESH S

REG NO: 2013143037055

Under the guidance of

Asst.Prof.Dr.D.Elantamilan M.C.A,Ph.D



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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APRIL – 2021 Section Break (Next Page)

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This is to certify that, this is a bonafide record of work done by **VIGNESH S** with Register No **20131403037058** in Mini Project during the Academic Year 2020-2021.

21/10/21

Project Guide

Head of the Department & Dean II

GURU NANAK COLLEGE (AUTONOMOUS) DEPARTMENT OF MCA

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **VIGNESH S** Reg. No: **2013143037055** MCA student, here by declare that the Mini Project Report entitled, **FERTILIZER MANAGEMENT SYSTEM** is the original work carried out by me under the supervision of

Asst.Prof.Dr.D.Elantamilan M.C.A,Ph.D

Place: Chennai

Date: 22.04.2021

Sincerely,
VIGNESH S

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **FERTILIZER MANAGEMENT SYSTEM** Submitted is a result of a Bonafide work carried out by **VIGNESH S** during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 22.04.2021

FERTILIZER MANAGEMENT SYSTEM

Abstract:

The fertilizer industry faces a permanent challenge to improve the efficiency of its products. This is done either through improvement of fertilizers already in use or through development of new specific fertilizer types like (IAEENT,1995;TRENKEL et al.,1988). The trends in the supply o f fertilizers in India have been driven by key factors such as government policy, market information, and infrastructure while on the demand side farmer's capacity to acquire fertilizers, availability of water (rainfall) and farmer's knowledge on fertilizer use have been key drivers. The farming community continued accessing fertilizers from the private sector which washow ever expensive and in short supply.

In "FURTILIZER MANAGEMENT SYSTEM" we have done system design, source coding, and program testing and added many more features to facilitate the user with the best. We have given the user the facility to enter the Student's record and see whether the user is provided with the complete information.

ONLINE WATER CANE & WATER BOTTLE SUPPLY

MINI PROJECT REPORT

Submitted by

VISHNU S

Regno:2013143037056

Under the guidance of

Assistant Professor DR.D.ELANTAMIZHALAN MCA,Ph.D



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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Head of the Department & Dean IT

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DECLARATION

VISHNU S Reg. No: 2013143037056 MCA student, hereby declare that the Mini Project Report entitled, **ONLINE WATER CANE & WATER BOTTLE SUPPLY** is the original work carried out by me under the supervision of **Assistant Professor DR.D.ELANTAMIZHALAN MCA,Ph.D**

Sincerely,

Place: Chennai

Date: 22/04/2023

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CERTIFICATE

This is to certify that the Mini Project entitled **ONLINE WATER CANE & WATER BOTTLE SUPPLY** . Submitted is a result of a Bonafide work carried out by **VISHNU S** during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 22/04/2021

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Online Water cane & Water Bottle Supply

ABSTRACT

There are 5 modules pages in the website first page is login page which consists of Username, Password, and the Login button.
Once the user fill the login page and press the login button the user is directed to 2nd page which consist of two button the first button consist of Home use and the Second button consist of company use
If the user press the first button the user is directed to home use page which consist of Name Box, Address Box, Contact Number box, Email Box and the Combo box for to assure that how many bottle or water cans they are need and also a Submit button.
If the user press the Second button the user is directed to company use page which consist of Name Box, Company Name Box, Address Box, Contact Number box, Email Box and the List box for to assure that how many bottle or water can they need and also a Submit button

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HOSPITAL MANAGEMENT

MINI PROJECT REPORT

Submitted by

VISHNUVARDHAN N

REG NO : 191118007007

Under the guidance of

Asso.Prof DR.D.ELAVARASAN MCA,PhD



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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APRIL – 2021



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This is to certify that this is a bonafide record of work done by VISHVA [illegible] with Register No. 18UAM07017 in 18A (Name of the Candidate) Year (2020-2021).

Project Guide

Head of the Department & Dean-IT

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

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Guru Nanak Salai, Velachery, Chennai - 600 042



DECLARATION

I, [illegible] hereby declare that the Mini Project Report entitled, [illegible] submitted by me for the award of the degree of Bachelor of Computer Applications is my original work carried out by me under the supervision of Assistant Professor [illegible] and has not formed the basis for the award of any degree, diploma, associateship, fellowship or other similar title to any candidate of any University.

Place: Chennai

Date: [illegible]

Signature



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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Velachery Main Road, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled HOSPITAL MANAGEMENT submitted in partial fulfilment of the requirement for the award of Master of Computer Application degree is a bonafide work carried out by VISWAA SRIRAM S during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 19/5/21

HOSPITAL MANAGEMENT

ABSTRACT

[illegible]

Objectives

[illegible]

ONLINE AGRI SHOP

MINI PROJECT REPORT

Submitted by

VOGESH C.K

REG NO: 20131403037059

Under the guidance of

Assist. Prof Dr. B. ELANTAMILAN MCA,PhD.

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

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Guru Nanak Salai, Velachery, Chennai - 600 042.

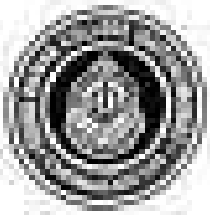
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This is to certify that, this is bonafide record of work done by VOGESH C.S. with Register No 2013042057009 in Mini Project during the academic Year 2020-2021.

Internal Project Guide

Head of the Department & Dean IT



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(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I [illegible] Reg. No: [illegible] MCA student, hereby declare that the M.V Project Report entitled, ONLINE AGRI SHOP is the original work carried out by me under the supervision of Dr. ELAYARAJA M.C.A., PhD.,

Place: Chennai

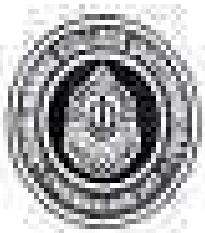
Date: 25/01/2021

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(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.



CERTIFICATE

This is to certify that the Mini Project entitled ONLINE AGRI SHOP Submitted in partial fulfillment of the requirement for the award of MCA Degree of Guru Nanak College (Autonomous), is a result of a Bonafide work carried out by YOGESH C.K during the year 2020-2021, under my supervision.

Internal Guide

Place : Chennai

Date: 22/04/2021

ONLINE AGRI SHOP FOR FARMER APPLICATION

ABSTRACT

Agri Shop is a very important feature used in Android application to assist people making purchases online, similar to the US English term 'Agri Shop'. The farmer and user can buying and selling product via same platform. This system will increase the farmer's sales and reducing the user workload.

This system is used to farmer and user. Farmer uploads their product with details and buyers view these details and book that product with in a time.

This paper aims to synthesize findings in the Agri-Shop E-commerce (AS) field through a systematic literature review and propose a number of future research directions based on the gaps identified from the review.

There has been a general increase in the number of publications, indicating that AS research has elicited more and more interest from scholars in different countries and across multiple disciplines.

We have identified a number of themes and made sense of them by developing an integrated conceptual model, which consists of two parts: one for AS adoption at a firm level and one for AS development at a regional level.

Furthermore,we recommend that more emphasis should be put on the regional development modes of AS and their impact in the developing world, as the practice is evolving rapidly in some developing countries.

ONLINE AUCTION

MINI PROJECT REPORT

Submitted by

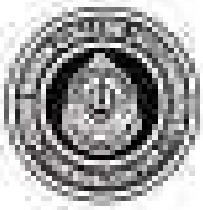
YOGESH D

Reg.No: 171314003088

Under the guidance of

Dr. Ebenezer D M.C.A., Ph.D

Assistant Professor



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This is to certify that, this is a bonafide record of work done by YOGESH G with Register No 1710420070018 in Mini Project during the Academic Year 2020-2021.

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Head of the Department & Dean II

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I YOGESH D 07134603008 MCA student, hereby declare that the Mini Project Report entitled ONLINE AUCTION is the original work carried out by me under the supervision of Dr. Elamparithi, D MCA., Ph.D Assistant Professor, towards the partial fulfillment of the requirements of MCA Degree at Guru Nanak College (Autonomous).

Place: Chennai

Date:22/04/2021

Signature

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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CERTIFICATE

This is to record[illegible] that the Mini Project entitled ONLINE AUCTION Solution[illegible] in partial fulfillment of the requirement for the award of MCA Degree of Guru Nanak College (Autonomous), is a result of a bonafide work carried out by YOGESH D during the year 2020-2021, under my supervision.

Place: Chennai

Date: 23/04/2021

Internal Guide

ONLINE AUCTION

ABSTRACT

Online auctions are among the most influential e-business applications. Although there have been considerable efforts in setting up market places, online trading still lays in its early stages. Quite a few companies have started projects of their own, trying to improve their purchasing and sales channels. Materials and Methods: The most impressing concept of Internet market places is the conduction of online auctions. An online auction system holds online auctions for various products on a website. Results: It a place for buyers and sellers to come together and trade almost anything. Conclusion: In this system it consists of a web-portal where registered users can propose new auctions, purchase and place bids in order to buy the items on auction.The opportunity to shop from the comfort of one's own home has seen a change like never seen before. Within the span of a few short years, what may have begun as an experimental idea has grown to an immensely popular hobby, and in some cases, a means of livelihood. the online auction gallows tremendous response everyday, all day. With the point and click of the mouse, one may bid on an item they may need or just want, and in moments they find that either they are the top bidder or someone else wants it more, and you re outbid. The excitement of an auction all from the comfort of home.

However with a little care and caution, one can have a positive experience doing business on an online auction, and each party can leave satisfied with their deal , whether they are the buyer, the seller, or the conveyance that brought it all together.

LIBRARY MANAGEMENT

MINI PROJECT REPORT

Submitted by

YUVARAJ S

REG NO: 311143037060

Under the guidance of

Asst.Prof DR.ILLAYAVANGAN M.A., PH.D



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

(Guru Nanak Salai, Velachery, Chennai - 600 042)

APRIL - 2021



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(Affiliated to University of Madras)



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(Affiliated to University of Madras)

Velachery, Chennai - 600 042.

DECLARATION

I [illegible] declare hereby that the [illegible] LIBRARY MANAGEMENT is the original work carried out by me under the supervision of [illegible] M.Sc., M.Phil.

Place: Chennai

Date: 22/04/2022

Signature



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Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled LIBRARY MANAGEMENT submitted in partial fulfilment of the Practical work carried out by SUVARAJ bearing the roll No. 20BCA07 under my supervision.

Place: Chennai

Project Guide

Date: 25/09/2021



ABSTRACT

PIZZA ORDERING SYSTEM

MINI PROJECT REPORT

Submitted by

P.ABISHEK
REG NO: 1913143037001

Under the guidance of
Associate.prof. Mrs. S.NIRMALA DEVI MCA, M.Phill, SET.



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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This is to certify that, this is a bonafide of work done by **P.ABISHEK** with Register No **19131430370O1** in Mini Project during the Academic Year 2020-2021.

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22/4/21

Head of the Department & Dean IT

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DECLARATION

I **P.ABISHEK** Reg. No: **1913143037001** M C A student, hereby declare that the Mini Project Report entitled, **Pizza Ordering System** is the original work carried out by me under the supervision of Associate.prof .MR .S.NIRMALA DEVI

P. Abishek

Sincerely,

Place: Chennai

Date: 21/04/2021

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CERTIFICATE

This is to certify that the Mini Project entitled Pizza Ordering System Submitted is a result of a Bonafide work carried out by P.ABISHEK during the year 2020-2021, under my supervision.

Place: Chennai

Project Guide

Date: 21/04/2021

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PIZZA ORDERING SYSTEM

ABSTRACT

Pizza Management is the famous website application has developed in python programming. Now a day's most of the people are ordering pizza through online instead of going to shop. The selection procedure of the pizza over the net is very simple. After selecting the pizza delivery boy will bring pizza directly to the customer's house in short time.in this we have to select items what we want and finally it will all the selected items in the list.in this web application we have different items like pizzas, burgers, pastes etc. After selecting items if we go to shopping cart there we can select quantity according to our items price will changes. There is another module named Admin, in this module we can update items and delete unwanted items.

The existing system is a manual system. Here the pizzas need to save information in the form of excel sheet or Disk drives. There is no sharing is possible if the data is in the form of paper or disk drives. It's a limited system and fewer user friendly. Searching of particular information is very critical it takes lot of time. It is a tedious job to maintain different customer are asking different service details normally solve these queries are not possible. Automated system is needed

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Online Shopping

MINI PROJECT REPORT

Submitted by

Ajithkumar

REG NO: 1913143037002

Under the guidance of

Mrs. Nirmala Devi MCA,M.PHIL,SET

(Associate Professor & HOD)



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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This is to certify that, this is a bonafide record of work done by **Ajithkumar S** with Register No **1913143037002** in Mini Project during the Academic Year 2020-2021.

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Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I **Ajithkumar S** Reg. No: **1913143037002** MCA student, hereby declare that the Mini Project Report entitled, **Online Shopping** is the original work carried out by me under the supervision of Mrs. Nirmala Devi.

S. Ajithkumar

Sincerely,

Place: Chennai

Date: 21/04/2021

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GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

CERTIFICATE

This is to certify that the Mini Project entitled **Online Shopping** Submitted is a result of a Bonafide work carried out by **Ajithkumar S** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 21/04/2021

Project Guide

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Online Shopping

ABSTRACT

Electronic Commerce is process of doing business through computer networks. A person sitting on his chair in front of a computer can access all the facilities of the Internet to buy or sell the products.

Unlike traditional commerce that is carried out physically with effort of a person to go & get products, ecommerce has made it easier for human to reduce physical work and to save time. E-Commerce which was started in early 1990's has taken a great leap in the world of computers, but the fact that has hindered the growth of e-commerce is security. Security is the challenge facing e-commerce today & there is still a lot of advancement made in the field of security.

The main advantage of e-commerce over traditional commerce is the user can browse online shops, compare prices and order merchandise sitting at home on their PC.

For increasing the use of e-commerce in developing countries the B2B e-commerce is implemented for improving access to global markets for firms in developing countries. For a developing country advancement in the field of e-commerce is essential. The research strategy shows the importance of the e-commerce in developing countries for business applications.

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ORPHANAGE MANAGEMENT SYSTEM

MINI PROJECT REPORT

Submitted by

ANTONY MARIA MICHEAL RAJ M

REG NO : 1913143037003

Under the guidance of

Mrs.S.NIRMALA DEVI MCA,M.PHIL,SET

(Associate Professor & HOD)



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

GURU NANAK COLLEGE (Autonomous)

(Affiliated to University of Madras)

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Head of the Department & Dean IT

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DECLARATION

I **ANTONY MARIA MICHEAL RAJ M** Reg.No: **1913143037003** MCA student, hereby declare that the Mini Project Report entitled, ORPHANAGE MANAGEMENT SYSTEM is the original work carried out by me under the supervision of **Mrs.S.NIRMALA DEVI.**

Sincerely,

Place: Chennai

Date: 21/04/2021

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CERTIFICATE

This is to certify that the Mini Project entitled **ORPHANAGE MANAGEMENT SYSTEM** Submitted is a result of a Bonafide work carried out by **ANTONY MARIA MICHEAL RAJ M** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 21/04/2021

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ORPHANAGE MANAGEMENT SYSTEM

ABSTRACT

Lakhs of orphan children growing they have avoided the poverty. The population of India has been growing steadily creating a growing population of uncontrolled children. It is estimated that there are lakhs of orphan children in Indian who are subjected to strength, child labor, handling, disease and abuse. Most of these children are from poverty suffering children. Growing poverty, shortage of education and limited governmental resources and care, more improve the problem of street children and orphans in Indian. Hence, orphanages are necessary in a society as they provide orphans with safe, hygienic and private environment for their physical, moral, education and non-physical development. In this project, donors can easily access the date provided and donate, it's a bridge to orphans and donors. In spite of planned development and special provision for accelerated socio-economic development of neglected/disadvantaged sections, the issue of orphan, semi orphan and street

Children is not properly addressed. In our project area many Orphan, Semi Orphan and Street

Children are found. The problem of orphan / street children is acute due to urbanization and

Widowed / Divorce women, Absence of love and security in the families, Family disputes, these orphan and street children are left without care and support. These children are involved in rag picking; pick pocketing and participating in anti-social, criminal activities. Therefore, we envisage mainstreaming these Children in the national building by providing care, support and protection in our ORPHAN CHILDREN HOME. The project proposed in this scheme is meant for additional support to run the orphan children home

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SUPERMARKET AUTOMATION SYSTEM

MINI PROJECT REPORT

Submitted by

G. DENSING DANIEL

REG NO : 1913143037004

Under the guidance of

Associate.prof Mr. V.K. ANAND MCA, M.PHIL, SET.



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This is to certify that, this is a bonafide record of work done by **G. DENSING DANIEL** with Register No **1913143037004** in Mini Project during the Academic Year 2020-2021.

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DECLARATION

I **G. DENSING DANIEL** Reg. No: **1913143037004** MCA student, hereby declare that the Mini Project Report entitled, **SUPERMARKET AUTOMATION SYSTEM** is the original work carried out by me under the supervision of **Associate.prof MR. V.K. ANAND.**

Place: Chennai

Date: 21/04/2021

G. D Daniel

Sincerely,

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CERTIFICATE

This is to certify that the Mini Project entitled **SUPERMARKET AUTOMATION SYSTEM** Submitted is a result of a Bonafide work carried out by **G. DENSING DANIEL** during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 21/04/2021

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SUPERMARKET AUTOMATION SYSTEM

ABSTRACT

The project deals with the management of the automation of supermarkets. The aim is to automate its existing manual system with the help of this application, so that their valuable data can be stored for a longer period with easy accessing and manipulation of the same. The application is engineered using JSP as the front end and MySQL as the backend. This is a web-based application project that records and manipulates various activities so that we can use them in the future whenever it' s needed. The main objectives of the supermarket automation system are, the first activity is based on adding and manipulating the vendor details like vendor name, Id, address, etc. next, the user can also add the purchase details like product name, product price, product quantity, etc.., that the user brought from the vendor, here itself it calculates the amounts for the product purchased and gives the total, so it is easy for them to calculate and time-consuming. The user can also maintain the stock details in this project and fix the rate for their products and also store the information about the product's expiry details. Next, the user can also record the sales and customer details for their future references. Finally, during the billing for the customer it checks the stock and expiry date for the products they purchased, if the product is not expired then it calculates the rate for the products and generates the bill otherwise it shows an error. This application provides reports on vendor details, purchase details, stock details, sales and customer details, billing.

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PHARMACY AUTOMATION

MINI PROJECT REPORT

Submitted by

DIVYA V

REG NO : 1913143037005

Under the guidance of

Associate Prof . Mr.V.K Anand,MCA.,M.Phil.,SET



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This is to certify that, this is a bonafide record of work done by **DIVYA.V** with Register No **1913143037005** in Mini Project during the Academic Year 2020-2021.

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DECLARATION

I **DIVYA.V** Reg. No: **1913143037005** MCA student, hereby declare that the Mini Project Report entitled, **PHARMACY AUTOMATION** is the original work carried out by me under the supervision of **Associate Prof.Mr.VK.Anand, MCA.,M.Phil.,SET.**

Place: Chennai

Date: 21-04-2021

Sincerely,

V.Divya

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CERTIFICATE

This is to certify that the Mini Project entitled **PHARMACY AUTOMATION** Submitted is a result of a Bonafide work carried out by **DIVYA.V** during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 21-04-2021

PHARMACY AUTOMATION

ABSTRACT

The purpose of pharmacy automation system is to automate the existing manual system by the help of computerized equipment and full fledged computer software,fulfilling their requirement.so that their valuable data/information can be stored for longer period with easy accessing and manipulation of the same.It can lead to error free,secure,reliable and fast system.The Pharmacy automation project is computer based software developed for managing,monitoring and recording various activities of medical stores.It play a key role in improving the productivity of medical stores through automated functions.It also helps to overcome the manual pharmacy system.

Pharmacy automation system will manage record of all medicines,price details of medicines, the number of medicines sold, brand details of medicines, staff at medical store,and other important details.The application used for front end are python and for back end MySQL.It deals with the recording and processing data so that the medical store owners can easily manage the operations, pharmacy automation system is additionally used to produce reports of overall productivity of pharmacy.moreover,it will be helpful in data processing and improving financial matters of pharmacy.the organization can maintain computerized records without redundant entries.That means that one need not be distracted by information that is not relevant ,while being able to reach the information.

2151

ONLINE EXAMINATION SYSTEM

MINI PROJECT REPORT

Submitted by

D. HEMAVATHI

REG NO :1913143037006

Under the guidance of

MR.V.K. ANAND Associate.prof,MCA,M.Phil.,SET



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This is to certify that, this is a bonafide of work done by online examination system with Register No **1913143037006** in Mini Project during the Academic Year 2020-2021.

V.K.

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DECLARATION

I D.HEMAVATHI Reg. No: **1913143037006** M C A student, hereby declare that the Mini Project Report entitled, online examination system is the original work carried out by me under the supervision of **MR.V.K. ANANDAssociate.prof,MCA,M.Phil.,SET**

Place: Chennai

Date: 21.04.2021

Sincerely,

D.Hemavathi

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CERTIFICATE

This is to certify that the Mini Project entitled online examination system Submitted is a result of a Bonafide work carried out by D. HEMAVATHI during the year 2020-2021, under my supervision.

Place: Chennai

Date: 21.04.2021

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ONLINE EXAMINATION SYSTEM

ABSTRACT

The purpose of this project is to develop examination system. This is a web based online examination system which will help in conducting the online examination. This project will provide an efficient platform both for the students and the teachers, by enabling examination to be taken online. The app engineed using HTML, CSS, bootstrap as front end and php and MySQL as back end. Online Examination System is a web-based application website to manage online general examinations and competitive exams. This website is basically for short term courses. Through this website student can register for the exam online. He will get the table time table of the exam online. And he can take the exam online. So, there is no need to walk around everything can be done at this own place. Once the exam is over the result will be shown. So, he doesn't need wait for the result. OBJECTIVE: The main objective of this website is to conduct online entrance exam and allow student select the required course. The important objective of this website is to allow student take the exam at their own place. Online examination helps students of schools is to offer a quick and easy way to appear for the exam. It also provides the results immediately after the exam. The students have to enter valid use rid and password to attend the exam. This examination project provides time limit to finish the exam. The user can see their results after completing the exam.

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THRIFT SHOP
MINI PROJECT REPORT

Submitted by

JASMITA K

191713147007

Under the guidance of

Associate Prof. VK ANAND MCA, MPHIL, SET



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This is to certify that, this is a bonafide record of work done by **Jasmita K** with Register No **1713143037007** in Mini Project during the Academic Year 2020-2021.

21/10/21

Project Guide **Head of the Department & Dean IT**

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DECLARATION

I **Jasmita K** Reg. No: **1713143037007** MCA student, hereby declare that the Mini Project Report entitled, **THRIFT SHOP** is the original work carried out by me under the supervision of **Associate Prof. VK ANAND.**

Place: Chennai

Sincerely,

Date:

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CERTIFICATE

This is to certify that the Mini Project entitled **THRIFT SHOP** Submitted is a result of a Bonafide work carried out by **Jasmita K** during the year 2020-2021, under my supervision.

Place: Chennai

Project Guide

Date:

THRIFT STORE
ABSTRACT

Thrift Store is a Web App which facilitates the selling and buying of used old goods, particularly clothes. In this project the existing system is not efficient as it is a simple page for a store on social media. Thrift Store will be a comprehensive web based application that is efficient and ensures smooth transactions between seller and buyer.

In this website a user can login as a buyer or a seller. A seller account can open a shop to sell a set of used goods. A seller's shop will have to adhere to certain standards that need to be met for selling their used clothes to ensure quality.If a buyer finds the price of a product to be unfair or if the standards mentioned have not been met they can raise a request and bid their own price. A buyer account can buy from the various sellers' shops. The website also provides ways to communicate between the buyer and seller for smooth transactions. This website can be accessed from anywhere and hence provides a wider range of thrift items.

TRAVEL AGENCY AUTOMATION

MINI PROJECT REPORT

Submitted by

MAHESWARI S

1913143037008

Under the guidance of

Associate.prof Mr.V.K. ANAND MCA, M.Phil,SET.



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DECLARATION

I **MAHESWARI S** Reg. No: **1913143037008**MCA student, hereby declare that the Mini Project Report entitled, **TRAVEL AGENCY AUTOMATION** is the original work carried out by me under the supervision of **Associate.prof MR.V.K.ANAND.**

Place: Chennai

Date: 21.04.2021

Sincerely,

S. Maheswari

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CERTIFICATE

This is to certify that the Mini Project entitled **TRAVEL AGENCY AUTOMATION** Submitted is a result of a Bonafide work carried out by **MAHESWARI S** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 21.04.2021

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TRAVEL AGENCY AUTOMATION

ABSTRACT

The most important part of the travel agency automation project is its database. The database is full of Buses, Trains, Airplane timings and availability. Travel agency is a web based project where a user may search and apply for a travel service or package.The system then loads all that data and puts those choices in front of the user. The user can now choose various ways to reach his destination. When the user chooses the Bus, train or Airplane option, the system also allows the user to book tickets to the destination for the desire day and timings. Thus this software system automates the working of a travel agency and allows users to check and book his holidays online through this website.

TECHNOLOGIES

PROGRAMMING LANGUAGE: PHP

FRONT END:

HTML,CSS

BACK END:

MYSQL

SERVER:

Xampp

BROWSER:

Google chrome

2166

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READER'S BUBBLE

MINI PROJECT REPORT

Submitted by

MOHAMMED KAWUSER H

REG NO: 1913143037009

Under the guidance of

Associate.prof Mr. V.K. ANAND MCA, M.Phil ,SET.



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DECLARATION

I **MOHAMMED KAWUSER H** Reg. No: **1913143037009** MCA student, hereby declare that the Mini Project Report entitled, **READER'S BUBBLE** is the original work carried out by me under the supervision of **Associate.prof MR. V.K. ANAND.**

Sincerely,

Place: Chennai

Date: 21/04/2021

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CERTIFICATE

This is to certify that the Mini Project entitled **READER'S BUBBLE** Submitted is a result of a Bonafide work carried out by **MOHAMMED KAWUSER** during the year 2020-2021, under my supervision.

Place: Chennai

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Date: 21/04/2021

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READER'S BUBBLE
ABSTRACT

The purpose of the project is to develop a web application for book readers. This is a web-based online active platform that will book readers to keep a track of books they are reading currently, and help them to find amazing facts about the books. This will allow users to create an account in the application to upload photos about books, share their views on the books they read, create blogs, and have a premium membership to upload and promote their content. Reader's bubble will open a vast area for readers. The users will be able to select various books on different genres and will act as a bridging platform between the audience and creators. There are a lot of creative minds out in the field who require a better platform to showcase their works, this web app will fulfill that need and help them obtain their desired results.

OBJECTIVE:

The site aims to provide mainly to provide the facility of downloading books as PDF, creating engaging content, uploading various non-verbal content, helping in selecting books to start with the habit who are new to the book-reading world. Provide an opportunity to promote their creative content and reach out to a vast audience.

The main scope of the project:

- Go through different genres of books and select which they like to read.
- Creating engaging content with images.
- Sharing the experience of reading books as blogs or reviews.
- Providing a platform to promote and take creative content to a large number of people.
- Download books of user's wish in PDF format.

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HOSTEL MANAGEMENT PROCESS

MINI PROJECT REPORT

Submitted by

PRIYA A

1913143037010

Under the guidance of

GUIDE NAME: Associate Prof. VK ANAND MCA, MPHIL, SET



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This is to certify that, this is a bonafide record of work done by **PRIYA A** with Register No **1913143037010** in Mini Project during the Academic Year 2020-2021.

V.L.O

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DECLARATION

I **PRIYA A** Reg. No: **1913143037010** MCA student, hereby declare that the Mini Project Report entitled, **HOSTEL MANAGEMENT PROCESS** is the original work carried out by me under the supervision of **Associate Prof. VK ANAND.**

Place: Chennai

Date: 21-04-2021

Sincerely.

Priyaa

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(Affiliated to University of Madras)

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CERTIFICATE

This is to certify that the Mini Project entitled **HOSTEL MANAGEMENT PROCESS** Submitted is a result of a Bonafide work carried out by **PRIYA A** during the year 2020-2021, under my supervision.

Place: Chennai

Date: 21-04-2021

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HOSTEL MANAGEMENT PROCESS

ABSTRACT :

"HOSTEL MANAGEMENT PROCESS" is a Web Application developed for managing various activities in the hostel. For the past few years the number of educational institutions are increasing rapidly. Thereby the number of hostels are also increasing for the accommodation of the students studying in this institution.

This Website deals with the problems on managing a hostel and avoids the problems which occur when carried manually. Identification of the drawbacks of the existing system leads to the designing of computerized system that will be compatible to the existing system with the system which is more user friendly.

In this website a user can register and login as a student or as an employer to get accommodation in the hostel. User can view the facilities, gallery and reviews about the Hostel and can contact the respective hostel manager.

Hostel manager can be able to view the details of the registered user and check if they are eligible to get the accommodation.

The hostel manager can accept or cancel the user application.

Hostel fees can be paid via credit/debit card through online. If not cash-on hand payment can be made and the details should be entered in the monthly payment sheet and sent to the manager electronically, The manager will verify and maintain the record of them.

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This is to certify that, this is a bonafide record of workdone **RAJA PRADEEPKUMAR.E** with Register No **1913143037011** in Mini Project during the Academic Year 2020-2021.

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(Affiliated to University of Madras)

Guru Nanak Salai, Velachery, Chennai - 600 042.

DECLARATION

I am **RAJAPRADEEPKUMAR.E** Reg. No: **1913143037011** MCA student, hereby declare that the Mini Project Report entitled, **Pet Shop Management System** is the original work carried out by me under the supervision of **Asst.Prof. K.JAYABHARATHI M.sc,M.phil,SET.**

Sincerely,

Place: Chennai

Date: 21/04/21

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CERTIFICATE

This is to certify that the Mini Project entitled **Pet Shop Management System** Submitted is a result of a Bonafide work carried out by **RAJAPRADEEPKUMAR.E** during the year 2020-2021, under my supervision.

Project Guide

Place: Chennai

Date: 21/04/21

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Pet Shop Management System

ABSTRACT

Pet Shop Management System In PHP is a mini database management system, which is developed to help small scale pet shop owner to keep track of the available pet and its products along with the sales details of his shop. Developed by Rajapradeepkumar.E Pet Shop Management System In PHP provides a web-based interface to a pet shop owner to manages his pet shop activities. This web application provides users an option for storing and managing the basic information about pets and pet products in the shop. On the home page, the user of this application can see various options. The first function is to add a new animal data or record. The user can add animal name, breed, category, weight , age, cost , height, and fur of the animal. Next, after adding the animal data, he/she can view all list of the pet animals stored in the pet shop management system. If the user wants to edit an animal data, simply click on the animal, and then update button will appear which will instantly allow the user to enter new details and update it. In order to delete the data, the user has to first enter animal id and then click delete to confirm and delete the pet data. Along with animals, the user can also add birds in the system The featured bird includes name, cost, category , Likewise, for the customer, the system can also store customers' data. The admin if needs, can store customer records including their name, address, phone number, and much more. What's more, is that the system also has the ability to add pet products for sales. A category is also listed in these products to help the users and customers identify the product with the animal. Lastly, there is the feature of sales details where the owner of the shop can see all the sales he has made till date..

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REAL ESTATE MANAGEMENT

MINI PROJECT REPORT

Submitted by

RAVI GANESHAN .P

1913143037013

Under the guidance of

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DECLARATION

I am **RAVI GANESHAN.P** Reg. No: **1913143037013** MCA student, hereby declare that the Mini Project Report entitled, **REAL ESTATE MANAGEMENT** is the original work carried out by me under the supervision of **Asst.Prof. K.JAYABHARATHI M.sc,M.phil,SET.**

P. Ravi

Sincerely,

Place: Chennai

Date: 21/04/21

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This is to certify that the Mini Project entitled **REAL ESTSTE MANAGEMENT** Submitted is a result of a Bonafide work carried out by **RAVI GANESHAN.P** during the year 2020-2021, under my supervision.

Place: Chennai

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Head of the Department & Dean IT

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REAL ESTATE MANAGEMENT

ABSTRACT

We propose to build a real estate portal that allows clients to post property for sale as well as search sort property and contact its dealers online. It additionally comprises an innovative component that enables clients to post reviews of the managing procedure with a purchaser after their arrangement. This allows the purchasers to check a sellers profile and view his past deal experiences from other client reviews on his profile. Each client on the portal has a profile that can be seen by to check his past deals status. A client may post bad reviews about another client he has the deal with if any payment issues are experienced amid the arrangement. So clients may now verify that specific client before dealing with him. The system comprises of a client login, clients may search for property according to an area, Bhk, Location as well as other amenities like lift, furnished, semi-furnished and so forth. The system sorts property and displays result lists desired by the client. Clients may likewise post a property available to be purchased alongside wanted value, area and contact points of interest. The system likewise comprises a developer login where a manufacturer may log in and post his new project for those hoping to purchase new flats/offices.

LAPTOP SHOP MANAGEMENT

MINI PROJECT REPORT

Submitted by

U. SUGANYA DEVI

REG NO : 1913143037014

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I **U.SUGANYA DEVI** Reg.No: **1913143037014** MCA student, hereby declare that the Mini Project Report entitled, **LAPTOP SHOP MANAGEMENT** is the original work carried out by me under the supervision of **Asst. Professor K.JAYABHARATHI M.Sc., M.Phil., SET.**

Place: Chennai

Date: 21.4.2021

Sincerely,

U. Suganya Devi

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This is to certify that the Mini Project entitled **LAPTOP SHOP MANAGEMENT** Submitted is a result of a Bonafide work carried out by U.**SUGANYA DEVI** during the year 2020-2021, under my supervision.

Place: Chennai

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Date: 21.4.2021

LAPTOP SHOP MANAGEMENT

ABSTRACT

The purpose of the laptop shop management system is to automate the existing manual system by the help of computerized equipment and full fledged computer software, fulfilling their requirements, so that their valuable information / data can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Laptop shop management system, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Laptop shop management is the customized software which can be used in managing the stocks and sales of the product efficiently. This software will help reduce manual intervention in maintaining the sales and stock position.

This can lead to error free, secure and reliable management system; this can assist the user to focus on sales and improve the profit ratio of the shop by providing customized view for customers to compare and chose the best product as per their needs. The Key objective of this project is to maintain hassle free shop transactions in computerized stock and sales management system of a computer shop. Shop Owner gets a better facility and outlook of customized reports of sales and stock day to day as well as weekly or monthly basis.

Customer requirements can be quickly served as, the models and brands of the computer sold can be very well compared against other models of similar configuration and they can choose the best of their requirements. Stock and supply chain can be handled well efficiently with the use of customized reports time to time.

Fashion & Style Recommendation System

MINI PROJECT REPORT

Submitted by

SUVENDHAR.N

1913143037015

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I am **SUVENDHAR.N** Reg. No: **1913143037015** MCA student, hereby declare that the Mini Project Report entitled, **Fashion & Style Recommendation System** is the original work carried out by me under the supervision of **Asst.Professor. K.JAYABHARATHI M.sc,M.phil,SET.**

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This is to certify that the Mini Project entitled **Fashion & Style Recommendation System** Submitted is a result of a Bonafide work carried out by **SUVENDHAR.N** during the year 2020-2021, under my supervision.

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Fashion & Style Recommendation System

ABSTRACT

The project deals with Fashion and style recommendation system using python. In recent years, the textile and fashion industries have witnessed an enormous amount of growth in fast fashion. On e-commerce platforms, where numerous choices are available, an efficient recommendation system is required to sort, order, and efficiently convey relevant product content or information to users. Image-based fashion recommendation systems (FRSs) have attracted a huge amount of attention from fast fashion retailers as they provide a personalized shopping experience to consumers. With the technological advancements, this branch of artificial intelligence exhibits a tremendous amount of potential in image processing, parsing, classification, and segmentation. Despite its huge potential, the number of academic articles on this topic is limited. The available studies do not provide a rigorous review of fashion recommendation systems and the corresponding filtering techniques. In addition, it's explores various potential models that could be implemented to develop fashion recommendation systems in the future.

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Crime Reporting Management

MINI PROJECT REPORT

Submitted by

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I am **VINODHINI.A** Reg. No: **19131430370l6** MCA student, hereby declare that the Mini Project Report entitled, **Crime Reporting Management** is the original work carried out by me under the supervision of **Asst.Prof.K.JAYABHARATHI M.sc,M.phil,SET.**

Place: Chennai

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This is to certify that the Mini Project entitled , **Crime Reporting Management** Submitted is a result of a Bonafide work carried out by **VINODHINI.A** during the year 2020-2021, under my supervision.

Place: Chennai

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Crime Reporting Management

ABSTRACT

Crime is a part of illegal activities in human life. It is quite obvious that the rate of crimes is increasing day by day in all societies across the world, but we do believe that there is a lot which can be done by both the governments and the people to reduce the crimes in communities. The rise of population and complex society rises the range of anti-social conducts that must be restricted by the government through the military and different organizations particularly the Police Force. There are many current crime management systems which faces several difficulties, as there is no means to report crime instantly other than phone calls, messaging or face-to-face compliant filing. Hence, we have proposed an online crime reporting system which allows the user to file complaints or missing reports and keep a track of it. There are 3 categories that a user can file; Complaint, Crime Report and Missing Report and can see all the status of what action has been taken by the admin. To file any of the above 3 complaints, the user should register in to the system and provide his right credentials to file them. The crime reporting system project also allows other users who doesn't want to register but can check the crimes happening at his/her or any other area, has to just provide the pin code and in return the system displays the list of crimes if any filed. The offline i.e. the unregistered user can also take advantage of checking the missing person details, but he/she is refrained from getting complaints done by the users. The Front End of the crime reporting system is done using Android Studio and SQL serves as a backend to store books lists and inventory data. The system, has both the user as well the Admin Part, the role of admin is to just check all the 3 modules or categories and update their status likewise. This system helps the users in tracking any report filed to the law and take an advantage of reporting any complaint from anywhere bringing the whole system online.

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Library Management System

MINI PROJECT REPORT

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Place: Chennai

Date: 21.4.2021

K.M

Project Guide

Library Management System

ABSTRACT

Online Library Management System is a system which maintains the information about the books present in the library ,their authors, the members of library to whom books are issued, library staff and all. This is very difficult to organize manually owing to the advanced technology, Maintenance of all this information manually is a very complex task. Owing to the advancement of technology, organization of an Online Library becomes much simple. This computerization of library helps in many instances of its maintenances. It reduces the workload of management as most of the manual work done is reduced The app engined using HTML, CSS, BOOTSTRAP as frontend and PYTHON DJANGO framework and MYSQL as backend. The application records and manipulates Access Register details of the library. Condemnation Register the book is any condemnation the status 'C' is display the user that thing do this file. Issue Register the book is already issued the status 'I' is display the user that thing do this file. Fine Register the book return date is expired the fine will be generate the user.

Fine information and thus there is no need to keep manual track of this information which thereby avoids chances of mistakes. Student Details Register the student register our name, roll no, department, and so on. Thus this system reduces manual work to a great extent allows smooth flow of library activities by removing chances of errors in the details. The application provides reports on Access Register, Condemnation Register, Student Details Register, Issue Register, Fine Register. Thus this system reduces manual work to a great extent allows smooth flow of library activities by removing chances of errors in the details.

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