



Nallamuthu Gounder Mahalingam College

(An Autonomous Institution, Affiliated to Bharathiar University)

90, Palghat Road, Pollachi - 642001, Coimbatore, Tamil Nadu, India.

95th Rank in NIRF - 2023 - Among Colleges in India.



CERTIFICATE OF PROJECT/INTERNSHIP/FIELD WORK COMPLETION

Name of the Programme: M.Sc Computer Science

Name of the Course : Pilot Project - I

Course Code : 23PCS3P1

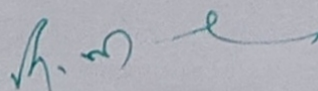
Batch : 2023-2025 Batch

This is to certify that 41 students of II M.Sc Computer science
have successfully completed their Pilot Project (Internship)
Examination conducted during March 2024. The Certificates
provided by the host institutions is Enclosed herewith.

Encl: Certificates Provided by the Host Institutions

For, M. R. R.
HoD




Principal

Dr. R. MANICKA CHEZIAN M.Sc., M.S., Ph.D.,
PRINCIPAL i/c
Nallamuthu Gounder Mahalingam College
Pollachi - 642 001, Coimbatore District.

ONLINE DRIVER BOOKING SYSTEM

PROJECT REPORT

Submitted By

S.KARTHICYADHAV (23-MC-05)

U.MOHANPRASATH (23-MC-09)

Under the guidance of

Dr.M.Sakthi M.Sc., M.Phil., Ph.D.,

Associate Professor & Head, PG Department of Computer Science(SF)

A Project Report Submitted to

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

(Autonomous)

(An ISO 9001 : 2015 Certified Institution)

Re-Accredited by NAAC

Pollachi – 642001.

Affiliated to Bharathiar University, Coimbatore.



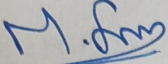
In Partial fulfillment of the requirements for the award of the Degree of

MASTER OF COMPUTER SCIENCE

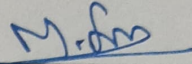
OCTOBER - 2024

CERTIFICATE - I

This is to certify that the project work entitled "ONLINE DRIVER BOOKING SYSTEM" is a bonafide record of the work done by S.KARTHICYADHAV (23-MC-05), U.MOHANPRASATH (23-MC-09) doing II Msc, Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc. Computer Science under my supervision.



SIGNATURE OF THE GUIDE



HEAD OF THE DEPARTMENT

Dr. M.SAKTHI, M.Sc., M.Phil., Ph.D.,
Associate Professor & Head
PG Department of Computer Science
NGM College, Pollachi - 642 001.

This is to certify that this is a bonafide record of the work submitted by

NAME : S.KARTHICYADHAV, U.MOHANPRASATH

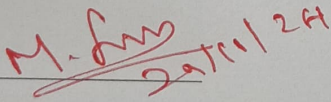
REG NO : 23-MC-05, 23-MC-09

SUBJECT TITLE : PILOT PROJECT - 1

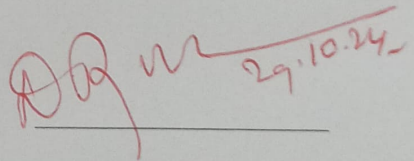
SUBJECT CODE : 23PCS3P1

For External Viva-voce examination held on

29/10/2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

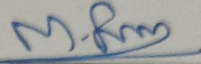
(D. RAJAKUMAR)

CERTIFICATE – II

This is to certify that the project work entitled as “ONLINE DRIVER BOOKING SYSTEM” is the original work done by S.KARTHICYADHAV(23-MC-05), U.MOHANPRASATH (23-MC-09) under the guidance of me .

PLACE : POLLACHI

DATE : 29/10/2024



Signature of the Guide

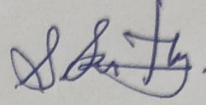
Dr.M.SAKTHI M.Sc., M.Phil., Ph.D.,

CERTIFICATE – III

This is to certify that the project work entitled as “**ONLINE DRIVER BOOKING SYSTEM** ” is the original work done by us under the guidance of **Dr.M.SAKTHI MSc., M.Phil., Ph.D.**

PLACE : POLLACHI

DATE : 29/10/2024



U. Mohanprasath

S.KARTHICYADHAV (23-MC-05)

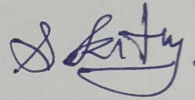
U.MOHANPRASATH (23-MC-09)

DECLARATION

I hereby declare that the project work entitled "**ONLINE DRIVER BOOKING SYSTEM**" Submitted to "**NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI**", Affiliated to Bharathiar University is a record of original work done by me during 2023-2024 under the supervision and guidance of **Dr.M.SAKTHI MSc., M.Phil., Ph.D., Assistant Professor, Department of Computer Science.**

PLACE : POLLACHI

DATE : 29/10/2024



U. Mohanprasath

Signature of the Candidate

S.KARTHICYADHAV (23-MC-05)

U.MOHANPRASATH (23-MC-09)

ONLINE DRIVER BOOKING SYSTEM PROJECT REPORT

Submitted By

S.KARTHICYADHAV (23-MC-05)

U.MOHANPRASATH (23-MC-09)

Under the guidance of

Dr.M.Sakthi M.Sc., M.Phil., Ph.D.,

Associate Professor & Head, PG Department of Computer Science(SF)

A Project Report Submitted to

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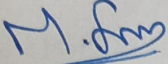
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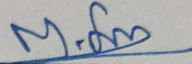
OCTOBER - 2024

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SIGNATURE OF THE GUIDE



HEAD OF THE DEPARTMENT

Dr. M.SAKTHI, M.Sc., M.Phil., Ph.D.,
Associate Professor & Head
PG Department of Computer Science
NGM College, Pollachi - 642 001.

This is to certify that this is a bonafide record of the work submitted by

NAME : S.KARTHICYADHAV, U.MOHANPRASATH

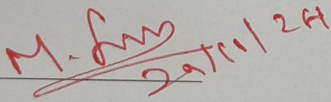
REG NO : 23-MC-05, 23-MC-09

SUBJECT TITLE : PILOT PROJECT - 1

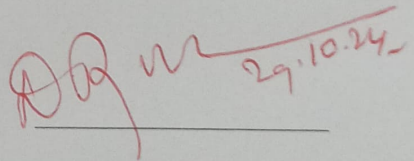
SUBJECT CODE : 23PCS3P1

For External Viva-voce examination held on

29/10/2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

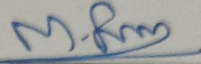
(D. RAJAKUMAR)

CERTIFICATE – II

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PLACE : POLLACHI

DATE : 29/10/2024



Signature of the Guide

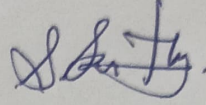
Dr.M.SAKTHI M.Sc., M.Phil., Ph.D.,

CERTIFICATE – III

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PLACE : POLLACHI

DATE : 29/10/2024



U. Mohanprasath

S.KARTHICYADHAV (23-MC-05)

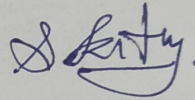
U.MOHANPRASATH (23-MC-09)

DECLARATION

I hereby declare that the project work entitled "**ONLINE DRIVER BOOKING SYSTEM**" Submitted to "**NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI**", Affiliated to Bharathiar University is a record of original work done by me during 2023-2024 under the supervision and guidance of **Dr.M.SAKTHI MSc., M.Phil., Ph.D., Assistant Professor, Department of Computer Science.**

PLACE : POLLACHI

DATE : 29/10/2024



U. Mohanprasath

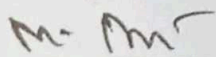
Signature of the Candidate

S.KARTHICYADHAV (23-MC-05)

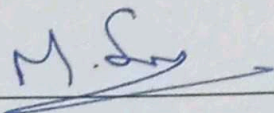
U.MOHANPRASATH (23-MC-09)

CERTIFICATE – I

This is to certify that the project work entitled as “ONLINE PHARMACY SYSTEM” is a bonafide record of the work done by L.K.JANASHREE(23-MC-21), S.SARANYA(23-MC-34) doing II-M.Sc Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc Computer Science under my supervision.



GUIDE



HEAD OF THE DEPARTMENT

Dr. M.SAKTHI, M.Sc., M.Phil., Ph.D.

Associate Professor & Head
PG Department of Computer Science
NGM College, Pollachi - 642 001.

This to certify that this is a bonafide record of the work submitted by

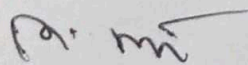
NAME : L.K.JANASHREE , S.SARANYA

REG NO : 23-MC-21 , 23-MC-34

SUBJECT TITLE : PILOT PROJECT- 1

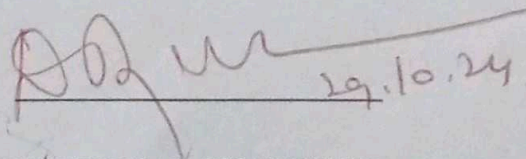
SUBJECT CODE : 23PCS3P1

For External Viva-voce examination held on ...29/10/24.....



INTERNAL EXAMINER

(Dr. M. N. Sreenivasan Thiruv))

 29.10.24.

EXTERNAL EXAMINER

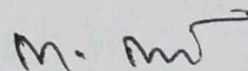
(D. R. Sathish Kumar)

CERTIFICATE – II

This is to certify that the project work entitled as “**ONLINE PHARMACY SYSTEM**” is the original work done by **L.K.JANASHREE (23-MC-21) S.SARANYA(23-MC-34)** under the guidance of me.

Date : 29/10/24

Place : Poltachi.



Signature of the Guide

(Dr.M.Meenakrithika)

CERTIFICATE – III

This is to certify that the project work entitled as “ONLINE PHARMACY SYSTEM” is the original work done by me under the guidance of
Dr. M. Meenakrithika, M.Sc., M.Phil., Ph.D.,

Date : 29/10/24

Place : Pollachi

L. K. Janashree
S. Saranya S

Signature of the student
L.K.Janashree (23-MC-21)
S.Saranya(23-MC-34)

AIRLINE RESEVATION BOOKING SYSTEM
PILOT PROJECT REPORT

Submitted by

M.MALATHI (23-MC-29)

S.SHANGAMITHRA (23-MC-39)

Under the Guidance of

Dr.M.SAKTHI ,M.Sc., M.Phil.,Ph.D.,

Associate Profeessor and Head

PG Department of Computer Science

A Project report submitted to

Nallamuthu Gounder Mahalingam College(Autonomous),

Affiliated to Bharathiar University, Coimbatore.



In partial fulfillment of the requirements for the award of the Degree of

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NALLAMUTHUGOUNDERMAHALINGAMCOLLEGE

(AUTONOMOUS)

(AnISO9001:2015CertifiedInstitution)

(Re-Accredited by NAAC)

Pollachi-642001

October-2024

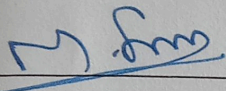


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Vivo AI camera

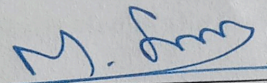
2024.10.29 14:44

CERTIFICATE - I

This is to certify that the project work entitled as "AIRLINE RESERVATION BOOKING SYSTEM" is a bonafied record of the work done by **M.MALATHI (23-MC-29), S.SHANGAMITHRA (23-MC-39)** doing II-M.Sc Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc Computer Science under my supervision.



GUIDE



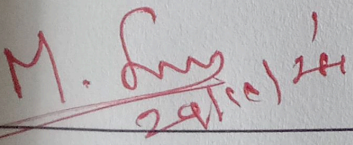
HEAD OF THE DEPARTMENT

Dr. M.SAKTHI, M.Sc., M.Phil., Ph.D.,
Associate Professor & Head
PG Department of Computer Science
NGM College, Pollachi - 642 001.

This to certify that this is a bonafide record of the work submitted by

NAME : M.MALATHI, S.SHANGAMITHRA
REG NO : 23-MC-29, 23-MC-39
SUBJECT TITLE : PILOT PROJECT- 1
SUBJECT CODE : 23PCS3P1

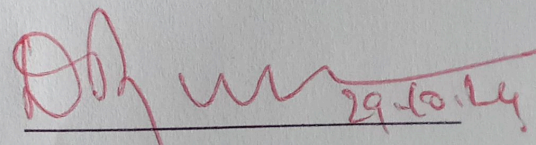
For External Viva-voce examination held on... 29.10.2024


29/10/24

INTERNAL EXAMINER



Shot on Y15
Vivo AI camera


29.10.24

EXTERNAL EXAMINER

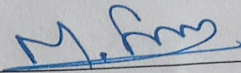
(D. Rajalakshmi)
2024.10.29 14:44

CERTIFICATE – II

This is to certify that the project work entitled as “AIRLINE RESERVATION BOOKING SYSTEM” is the original work done by M.MALATHI (23-MC-29), S.SHANGAMITHRA (23-MC-39) under the guidance of me,

Date: 29.10.2024

Place: pollachi



Signature of the Guide

Dr.M.SAKTHI M.Sc., M.Phil., Ph.D.,



Shot on Y15
Vivo AI camera

2024.10.29 14:44

CERTIFICATE - III

This is to certify that the project work entitled as "AIRLINE
RESERVATION BOOKING SYSTEM" is the original work done by me under the
guidance of Dr.M. Sakthi,M.Sc.,M.Phil., Ph.D.,

Date : 29.10.2024

Place : pollachi

M. Malathi
S. Shangamithra

M.Malathi(23-MC-29)
S.Shangamithra(23-MC-39)



DECLARATION

I hereby declare that the project work entitled "AIRLINE RESERVATION BOOKING SYSTEM" submitted to NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI, Affiliated to Bharathiar University is a record of original work done by me during 2024-2025 under the supervision and guidance of Dr.M.Sakthi, M.Sc., M.Phil., Ph.D., Associate Professor and head of Department of PG Computer Science.

Date: 29.10.2024

Place: pollachi

M. Malathi
S. Shangamithra

Signature of the Candidate

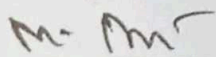
M. Malathi (23-MC-29)

S. Shangamithra (23-MC-39)

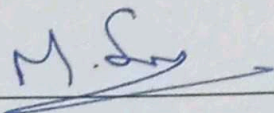


CERTIFICATE – I

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GUIDE



HEAD OF THE DEPARTMENT

Dr. M.SAKTHI, M.Sc., M.Phil., Ph.D.

Associate Professor & Head
PG Department of Computer Science
NGM College, Pollachi - 642 001.

This to certify that this is a bonafide record of the work submitted by

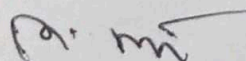
NAME : L.K.JANASHREE , S.SARANYA

REG NO : 23-MC-21 , 23-MC-34

SUBJECT TITLE : PILOT PROJECT- 1

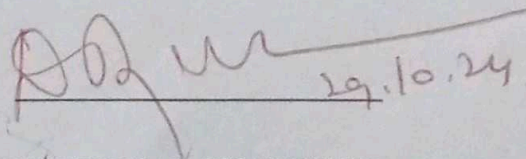
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INTERNAL EXAMINER

(Dr. M. N. Sreenivasan Thiruv))

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EXTERNAL EXAMINER

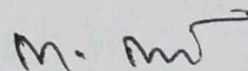
(D. R. Sathya Kumar)

CERTIFICATE – II

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Date : 29/10/24

Place : Poltachi.



Signature of the Guide

(Dr.M.Meenakrithika)

CERTIFICATE – III

This is to certify that the project work entitled as “ONLINE PHARMACY SYSTEM” is the original work done by me under the guidance of
Dr. M. Meenakrithika, M.Sc., M.Phil., Ph.D.,

Date : 29/10/24

Place : Pollachi

L. K. Ash
Saranya S

Signature of the student
L.K.Janashree (23-MC-21)
S.Saranya(23-MC-34)

CERTIFICATE - I

This is to certify that the project work entitled "WEB SCRAPING" is a bonafide record of the work done by **P. GOBINATH (23- MC-01), E. SIVARASATH (23-MC-15)** doing II Msc, Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc. Computer Science undermy supervision.

M. Ravi 29/10/24

GUIDE

M. Ravi

HEAD OF THE DEPARTMENT

Associate Professor & Head
PG Department of Computer Science

This is to certify that this is a bonafide record of the work submitted by

NAME : P. GOBINATH, E. SIVARASATH

REG NO : 23-MC-01, 23-MC-15

SUBJECT TITLE : PILOT PROJECT - 1

SUBJECT CODE : 23PCS3P1

For External Viva-voce examination held on

29.10.2024

M. Ravi 29/10/24

INTERNAL EXAMINER

CD. RAJALAKSHMI 29.10.24

EXTERNAL EXAMINER

CD. RAJALAKSHMI

CERTIFICATE – II

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Date : 29.10.2024

Place : Pollachi

M. Rathamani

Signature of the Guide

(Dr. M.Rathamani)

CERTIFICATE – III

This is to certify that the project work entitled as “WEB SCRAPING” is the original work done by us under the guidance of **Dr.M.Rathamani MCA., M.Phil., Ph.D.,**

Date : 29.10.2024

Place : Pollachi

E. Srinivas

P. Govindaraj

Signature of the Candidate

P. GOBINATH (23-MC-01)

E. SIVAPRASATH (23-MC-15)

SIMPLE SOCIAL NETWORK

PILOT PROJECT REPORT

Submitted by

D.Jeevitha (23-MC-22)

Under the guidance of

Dr. M. Sakthi, M.Sc., M.Phil., Ph.D.,

Associate Professor and Head,

PG Department of Computer Science

A Project report submitted to

Nallamuthu Gounder Mahalingam College (Autonomous),

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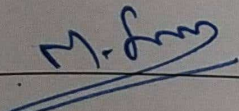
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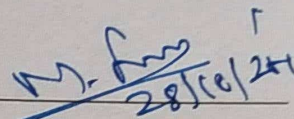
Pollachi-642 001

October-2024

CERTIFICATE - I

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GUIDE

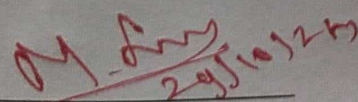

HEAD OF THE DEPARTMENT

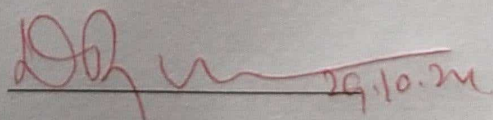
Dr. M.SAKTHI, M.Sc., M.Phil., Ph.D.
Associate Professor & Head
PG Department of Computer Science
N.G.M. College, Pollachi - 642 001

This is to certify that this is a bonafide record of the work submitted by

NAME : **D.Jeevitha**
REG NO : **23-MC-22**
SUBJECT TITLE : **PILOT PROJECT- 1**
SUBJECT CODE : **23PCS3P1**

For External Viva-voce examination held on ...29/10/2024.....


INTERNAL EXAMINER


EXTERNAL EXAMINER

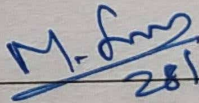
(D.Rajasekaran)

CERTIFICATE – II

This is to certify that the project work entitled as “SIMPLE SOCIAL NETWORK” is the original work done by **D.Jeevitha (23-MC-22)** under the guidance of me.

Date : 29/10/2024

Place : Pollachi


28/10/24

Signature of the Guide

(Dr.SAKTHI)

CERTIFICATE – III

This is to certify that the project work entitled as “SIMPLE SOCIAL NETWORK” is the original work done by me under the guidance of **Dr. M. Sakthi, M.Sc., M.Phil., Ph.D.,**

Date : 29/10/2024

Place : Pollachi

D. Jeevitha

D.Jeevitha (23-MC-22)

TO WHOMSOEVER IT MAY CONCERN

This is certified that **Ms. JEEVITHA D (Reg No: - 23-MC-22)**., doing II-year in **M.Sc (Computer Science)**. Student of **Nallamuthu Gounder Mahalingam College**. had successfully completed the Project **“SIMPLE SOCIAL NETWORK”** in our esteemed concern from **JUL-2024 to OCT-2024**

For Neha Solutions

DECLARATION

I hereby declare that the project work entitled “ **SIMPLE SOCIAL NETWORK**” Submitted to “**NALLAMUTHU GOUNDER MAHALINGAM COLLEGE**” **POLLACHI**, Affiliated to Bharathiar University is a record of original work done by me during 2024 – 2025 under the supervision and guidance of **Dr. M. Sakthi, M.Sc., M.Phil., Ph.D.**, Associate Professor and Head, PG Department of Computer Science.

Date : 29/10/2024

Place : Pollachi

D. Jeevitha

Signature of the Candidate

D.Jeevitha (23-MC-22)

ONLINE HOLIDAY PACKAGE BOOKING

PILOT PROJECT REPORT

Submitted by

G. Jegadheswari (23-MC-23)

V. Iswarya (23-MC-20)

Under the guidance of

Dr. M. Sakthi, M.Sc., M.Phil., Ph.D.,

Associate Professor and Head

PG Department of Computer Science

A Project report submitted to

Nallamuthu Gounder Mahalingam College (Autonomous),

Affiliated to Bharathiar University, Coimbatore.



In partial fulfillment of the requirements for the award of the Degree of

MASTER OF COMPUTER SCIENCE

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

(AUTONOMOUS)

(An ISO 9001:2015 Certified Institution)

(Re-Accredited by NAAC)

Pollachi-642 001

October-2024

CERTIFICATE - I

This is to certify that the project work entitled as "ONLINE HOLIDAY PACKAGE BOOKING" is a bonafide record of the work done by **G.JEGADHESWARI(23-MC-23)** **V.ISWARYA(23-MC-20)** doing II-M.Sc Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc Computer Science under my supervision.

M. Sany
28/10/24

GUIDE

M. Sany
28/10/24

HEAD OF THE DEPARTMENT
DE. M. SAKTHI, M.Sc., M.Phil., Ph.D.,
Associate Professor & Head,
PG Department of Computer Science,
NGM College, Pollachi - 642 001,

This to certify that this is a bonafide record of the work submitted by

NAME : **G.JEGADHESWARI , V.ISWARYA**
REG NO : **23-MC-23 , 23-MC-20**
SUBJECT TITLE : **PILOT PROJECT- 1**
SUBJECT CODE : **23PCS3P1**

For External Viva-voce examination held on 29/10/2024.....

M. Sany
29/10/24

INTERNAL EXAMINER

CD. R. Sankar
29/10/24

EXTERNAL EXAMINER

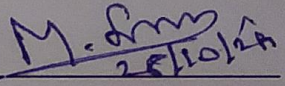
(CD. R. Sankar)

CERTIFICATE – II

This is to certify that the project work entitled as “**ONLINE HOLIDAY PACKAGE BOOKING**” is the original work done by **G.JEGADHESWARI(23-MC-23)** **V.ISWARYA(23-MC-20)** under the guidance of me.

Date : 29/10/2024

Place : Pollachi


28/10/24

Signature of the Guide

(Dr.M.SAKTHI)

CERTIFICATE – III

This is to certify that the project work entitled as “ **ONLINE HOLIDAY PACKAGE BOOKING** ” is the original work done by me under the guidance of
Dr. M. Sakthi, M.Sc., M.Phil., Ph.D.,

Date : 29/10/2024

Place : Pollachi

Jegadhe .
Iswarya

Signature of the Candidate

G. Jegadheswari (23-MC-23)

V. Iswarya (23-MC-20)

DECLARATION

I hereby declare that the project work entitled "**ONLINE HOLIDAY PACKAGE BOOKING**" submitted to "**NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI**", Affiliated to Bharathiar University is a record of original work done by me during 2024-2025 under the supervision and guidance of **Dr.M.Sakthi M.Sc., M.Phil., Ph.D.**, Associate Professor, Head of PG Department of Computer Science.

Date : 29/10/2024

Place : Pollachi

Jegadhe .

Iswarya

Signature of the Candidate

G. Jegadheswari (23-MC-23)

V. Iswarya (23-MC-20)

BEAUTY SERVICES PLATFORM

PILOT PROJECT REPORT

Submitted by

J. Jenitta Rajapushpam (23-MC-24)

S. Renugadevi (23-MC-38)

Under the guidance of

Dr. M. Rathamani, MCA., M.Phil., Ph.D.,

Assistant Professor

PG Department of Computer Science

A Project report submitted to

Nallamuthu Gounder Mahalingam College (Autonomous),

Affiliated to Bharathiar University, Coimbatore.



In partial fulfillment of the requirements for the award of the Degree of

MASTER OF COMPUTER SCIENCE

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

(AUTONOMOUS)

(An ISO 9001:2015 Certified Institution)

(Re-Accredited by NAAC)

Pollachi-642 001

October-2024

CERTIFICATE - I

This is to certify that the project work entitled as "BEAUTY SERVICES PLATFORM" is a bonafide record of the work done by **J.JENITTA RAJAPUSHPAM (23-MC-24)** **S.RENUGADEVI(23-MC-38)** doing II-M.Sc Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc Computer Science under my supervision.

M. Ravi 28/10/24

GUIDE

M. Gany 28/10/24

HEAD OF THE DEPARTMENT

Dr. M.SAKTHI, M.Sc., M.Phil., Ph.D.

Associate Professor & H.O.D.

PG Department of Computer Science

NGM College, Pondicherry

This to certify that this is a bonafide record of the work submitted by

NAME : J.JENITTA RAJAPUSHPAM, S.RENUGADEVI

REG NO : 23-MC-24 , 23-MC-38

SUBJECT TITLE : PILOT PROJECT- 1

SUBJECT CODE : 23PCS3P1

For External Viva-voce examination held on 29/10/2024

M. Ravi 29/10/24

INTERNAL EXAMINER

D. Raja Lakshmi 29.10.24

EXTERNAL EXAMINER

(D. RAJA LAKSHMI)

CERTIFICATE – II

This is to certify that the project work entitled as “BEAUTY SERVICES PLATFORM” is the original work done by **J.JENITTA RAJAPUSHPAM (23-MC-24)** **S.RENUGADEVI(23-MC-38)** under the guidance of me.

Date : 29/10/2024

Place : Pollachi

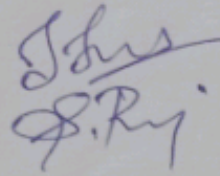
M. Rathi 28/10/24

Signature of the Guide

(Dr. M. RATHAMANI)

CERTIFICATE – III

This is to certify that the project work entitled as “BEAUTY SERVICES PLATFORM” is the original work done by me under the guidance of Dr. M. Rathamani, MCA., M.Phil., Ph.D., Assistant professor, PG Department of Computer Science.



Date : 29/10/2024

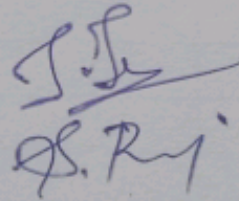
Place : Pollachi

Signature of the Candidate

J. Jenitta Rajapushpam (23-MC-24)
S. Renugadevi (23-MC-38)

DECLARATION

I hereby declare that the project work entitled "**BEAUTY SERVICES PLATFORM**" submitted to "**NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI**", Affiliated to Bharathiar University is a record of original work done by me during 2024 – 2025 under the supervision and guidance of **Dr. M. Rathamani, MCA., M.Phil., Ph.D.,** Assistant Professor, PG Department of Computer Science.



Date : 29/10/2024

Place : pollachi

Signature of the Candidate

J. Jenitta Rajapushpam (23-MC-24)

S. Renugadevi (23-MC-38)

CERTIFICATE – I

This is to certify that the project work entitled “ONLINE RESUME BUILDER” is a bonafide record of the work done by **M.KARISHMA (23-MC-25), G.SNEHA (23-MC-37)** pursuing II-M.Sc. Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc. Computer Science under my supervision.

M. Palani 29/10/24

GUIDE

M. Srinivas

HEAD OF THE DEPARTMENT

This to certify that this is a bonafide record of the work submitted by

NAME : **M.KARISHMA, G.SNEHA**
REG NO : **23-MC-25, 23-MC-37**
SUBJECT TITLE : **PILOT PROJECT- 1**
SUBJECT CODE : **23PCS3P1**

For External Viva-voce examination held on 29/10/2024

M. Palani 29/10/24

INTERNAL EXAMINER

D. Rajarajasekhar 29.10.24.

EXTERNAL EXAMINER
(D. Rajarajasekhar)

CERTIFICATE – II

This is to certify that the project work entitled as “ONLINE RESUME BUILDER” is the original work done by M.KARISHMA (23-MC-25), G.SNEHA(23-MC-37) under the guidance of me.

Date : 29-10-2024

Place : Pollachi

M. Pan 29/10/24
Signature of the Guide

(Dr.M.RATHAMANI., MCA., M.Phil.,Ph.

CERTIFICATE – III

This is to certify that the project work entitled as “ONLINE RESUME BUILDER” is the original work done by me under the supervision and guidance of **Dr.M.RATHAMANI., MCA., M.Phil., Ph.D.,** Assistant Professor Department of Computer Science, NGM College, Pollachi.

Date : 29-10-2024

Place : Pollachi

M. Karishma
G. Sneha

M.KARISHMA (23-MC-25)

G.SNEHA (23-MC-37)

DECLARATION

I hereby declare that the project work entitled "ONLINE RESUME BUILDER" submitted to "NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI", Affiliated to Bharathiar University is a record of original work done by me during 2024-2025 under the supervision and guidance of Dr.M.RATHAMANI., MCA., M.Phil., Ph.D., Assistant Professor, PG Department of Computer Science, NGM College, Pollachi.

Date : 29-10-2024

Place : Pollachi

M. Karishma

G. Sneha

Signature of the Candidate

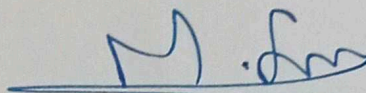
M.KARISHMA (23-MC-25)

G.SNEHA (23-MC-37)

CERTIFICATE – I

This is to certify that the project work entitled as “**BEST SMARTPHONE REVIEW SYSTEM**” is a bonafide record of the work done by **J.Karthika Devi (23-MC-26)** **V.Monisa (23-MC-30)** doing II-M.Sc Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc Computer Science under my supervision.

M. Ravi 29/10/24
GUIDE

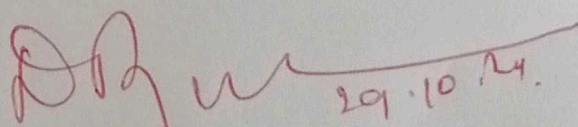

HEAD OF THE DEPARTMENT

This to certify that this is a bonafide record of the work submitted by

NAME : J.Karthika Devi , V.Monisa
REG NO : 23-MC-26 , 23-MC-30
SUBJECT TITLE : PILOT PROJECT- 1
SUBJECT CODE : 23PCS3P1

For External Viva-voce examination held on ...29.10.24.....

M. Ravi 29/10/24
INTERNAL EXAMINER

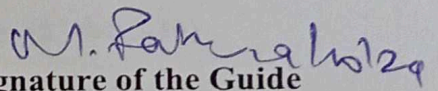

EXTERNAL EXAMINER
(D. RAJAKUMAR)

CERTIFICATE – II

This is to certify that the project work entitled as “**BEST SMARTPHONE REVIEW SYSTEM**” is the original work done by **J.Karthika Devi (23-MC-26), V.Monisa (23-MC-30)** under the guidance of me.

Date : 29.10.24

Place : pollachi


Signature of the Guide

(Dr.M.RATHAMANI)

CERTIFICATE – III

This is to certify that the project work entitled as “**BEST SMARTPHONE REVIEW SYSTEM**” is the original work done by me under the guidance of **Dr.M.RATHAMANI.,**
MCA., M.Phil., Ph.D.,

Date : 29.10.24

Place : Pollachi.

J.Karthika & V.Monisa
J.Karthika Devi (23-MC-26)

V.Monisa (23-MC-30)

CERTIFICATE-I

This is to certify that the project work entitled as **“DAIRY FARM SUPERVISING MANAGEMENT SYSTEM”** is a bonafide record of the work done by **S.KANNAN HARISH (23-MC-04), A.R.NANDHAKUMAR (23-MC-10), M.SABARIGIRI (23-MC-13)** doing II-M.Sc Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc Computer Science under my supervision.

M. M

GUIDE

M. S.

HEAD OF THE DEPARTMENT

Dr. M.SAKTHI, M.Sc., M.Phil., Ph.D.,
 Lecturer in English & Head

Associate Professor & Head

PG Department of Computer Science

NGM No. 642 001

This to certify that this is a bonafide record of the work submitted by

NAME :S.KANNAN HARISH,A.R.NANDHAKUMAR,

M.SABARIGIRI

REG NO :23-MC-04,23-MC-10,23-MC-13

SUBJECT TITLE :PILOT PROJECT- 1

SUBJECT CODE :23PCS3P1

For External Viva-voce examination held on 29-10-2024

10. m

INTERNAL EXAMINER

(Dr. M. M. Khera in Hindi)

29.10.24

EXTERNAL EXAMINER

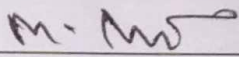
(D. Rastakhi)

CERTIFICATE-II

This is to certify that the project work entitled as “**DAIRY FARM SUPERVISING MANAGEMENT SYSTEM**” is the original work done by **S.KANNAN HARISH (23-MC-04), A.R.NANDHAKUMAR (23-MC-10), M.SABARIGIRI (23-MC-13)** under the Guidance of me.

Date: 29-10-2024

Place: Pollachi



Signature of the Guide

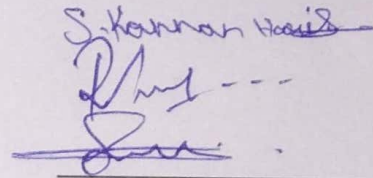
(Dr.M.Meenakrithika)

CERTIFICATE-III

This is to certify that the project work entitled as “**DAIRY FARM SUPERVISING MANAGEMENT SYSTEM**” is the original work done by me under the guidance of Dr. M.Meenakrithika M.Sc.,M.Phil.,Ph.D.,

Date: 29-10-2024

Place: Palhachi



Signature of the Candidate

S.Kannan Harish (23-MC-04)

A.R.NandhaKumar (23-MC-10)

M.Sabarigiri (23-MC-13)

WEB BASED WOMEN'S SAFETY ASSISTANT SYSTEM

PROJECT REPORT

Submitted by
A.Narmatha(23-MC-32)

Under the guidance of
Dr. M. Sakthi M.Sc., M.Phil., Ph.D
Associate professor and head, PG Department of Computer Science

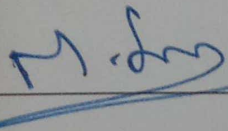
A Project report submitted to
Nallimuthu Gounder Mahalingam College (Autonomous),
(An ISO 9001:2015 Certified Institution)
POLLACHI-642 001
Affiliated to Bharathiar University, Coimbatore.



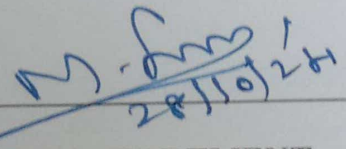
In partial fulfillment of the requirements for the award of the Degree of
MASTER OF COMPUTER SCIENCE
OCTOBER - 2024

CERTIFICATE – I

This is to certify that the project work entitled as “**WEB BASED WOMEN'S SAFETY ASSISTANT SYSTEM**” is a bonafide record of the work done by **A.Narmatha (23-MC-32)** doing II-M.Sc Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc Computer Science under my supervision.



GUIDE



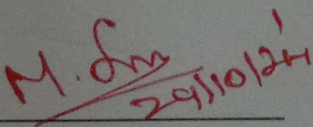
HEAD OF THE DEPARTMENT

Dr. M.SAKTHI, M.Sc., M.Phil., Ph.D.
Associate Professor & Head
PG Department of Computer Science
NGM College submitted by 001,

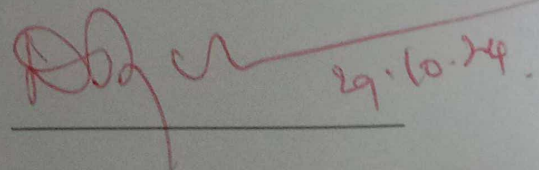
This to certify that this is a bonafide record of the work submitted by

NAME : A.Narmatha
REG NO : 23-MC-32
SUBJECT TITLE : PILOT PROJECT - I
SUBJECT CODE : 23PCS3P1

For External Viva-voce examination held on ..29.10.24.....



INTERNAL EXAMINER



EXTERNAL EXAMINER

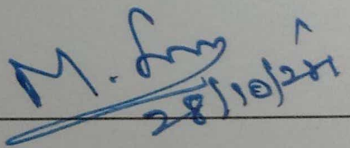
(D. Raghavakrishna)

CERTIFICATE – II

This is to certify that the project work entitled as “**WEB BASED WOMEN'S SAFETY ASSISTANT SYSTEM**” is the original work done by **A.Narmatha (23-MC-32)** under the guidance of me.

Date : 29.10.24

Place : polurachi



A handwritten signature in blue ink, appearing to read 'M. Sakthi', is written over a horizontal line. To the right of the signature, the date '28/10/24' is written.

Signature of the Guide

(Dr.M.Sakthi)

CERTIFICATE – III

This is to certify that the project work entitled as "WEB BASED WOMEN'S SAFETY ASSISTANT SYSTEM" is the original work done by under the guidance of Dr.M.Sakthi M.Sc., M.Phil., Ph.D.,

Date : 29.10.24

Place : polachi

Narmatha. A

Signature of the Candidate

A.Narmatha (23-MC-32)



Maruthi Technologies

TO WHOMSOEVER IT MAY CONCERN

This is certified that **Ms.NARMATHA A (Reg No: - 23-MC-32).**,
doing II-year in **M.Sc (Computer Science)**. Student of **Nallamuthu
Gounder Mahalingam College**. had successfully completed the Project
"WEB BASED WOMEN'S SAFETY ASSISTANT SYSTEM" in our
esteemed concern from **JUL-2024 to OCT-2024**.

FOR MARUTHI TECHNOLOGIES

melharat. S.

DECLARATION

I hereby declare that the project work entitled as **“WEB BASED WOMEN’S SAFETY ASSISTANT SYSTEM”** submitted to **“NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI”**, Affiliated to Bharathiar University is a record of original work done by me during 2024 – 2025 under the supervision and guidance of **Dr.M.Sakthi M.Sc., M.Phil., Ph.D.**, Associate Professor and head, PG Department of Computer Science.

Date : 29,10,24

Place : pollachi

Narmatha . A

Signature of the Candidate

A.Narmatha (23-MC-32)

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SYNOPSIS

In this project entitled as **“Web Based Women’s Safety Assistant System”** developed by front end tool as PHP and back end tool as MYSQL.

Web based women’s safety assistant system by manual way is tedious process, since it involves work load and time consumption. In this system, we can easily manage the user details, attendance details, outgoing details and the users can easily give a complaint details. Women’s safety is a big concern which has been the most important topic till date. Women safety matters a lot whether at home, outside the home or working place. The website helps women to overcome with fear and can call to her guardian or hostel warden that she can take the help. In this project the admin maintain the user details. Women can register and add their information through this website. The website maintains the women’s details like, name, phone number, mail, address, parents and friends details, etc. Also the website maintain the vehicle details like, place, vehicle name, vehicle number, if women went out will enter the timing and also return to hostel will note the timing for attendance.

1.INTRODUCTION

1.1 OVERVIEW OF THE PROJECT

In today's world both men and women are having equal responsibility in their works and competing with each other in all the fields. Women face challenges in the workplace and safety become a major issue in most of the countries. Increase of issues like sexual harassment is one of the common offense happening frequently and the thought haunting in women mind is how to move freely in streets during the odd hours. In such critical situations to help women, Women's safety is a big concern which has been the most important topic till date. Women safety matters a lot whether at home, outside the home or working place. Most of the women of various ages, till this day are being subjected to violence, domestic abuse, and rape. As ladies ought to travel late night generally, it's necessary to remain safe. Although the government is taking necessary measures for their safety, still, there is free safety website for women that can help them to stay safe. The project idea is to provide a swift responding and reporting safety website for women. The website helps women to overcome with fear and can call to her guardian or police that she can take the help. In this project the admin maintain the public user details. Women can register and add their information through this website. The website maintains the women's details like, name, phone number, mail, address, parents and friends details, etc. Also the website maintain the vehicle details like, place, vehicle name, vehicle number, if women went out will enter the timing and also return to home or hostel will note the timing for attendance. While the women came out the police will check out the details of women by their police login. This website is very useful for women tracking through this website.

1.2 MODULE DESCRIPTION

Admin:

Admin module only used by the administrator. Administrator uses this module to maintain the women's details and will take action about the women's complaint. They are used unique user name and password.

User registration:

In this module maintain the user registration details. Used to enter user details who visit this website. This module contains the details of users like user id, user name, address, contact no, mail id, password and re enter password.

User login:

In this module maintain the user login details. Users are used unique user name and password after registration details.

User entry:

User entry module maintains the women's in/out timings. This module contains the details of attendance like in time and out time.

Outgoing/event details:

In this module maintain the women's outgoing or event details. This module contains the details of outgoing/event like name, in and out time, vehicle type and description.

Complaint details:

In this module maintain the complaint details. This module contains the details of complaints like name, complaint etc.

1.3 SYSTEM SPECIFICATION

1.3.1 HARDWARE SPECIFICATION

System	:	Intel core 2 dual
Hard Disk	:	500 GB
Floppy Drive	:	1.44 MB
Monitor	:	14" Colour Monitor
Mouse	:	Optical Mouse
Ram	:	4 GB

1.3.2 SOFTWARE SPECIFICATION

Operating system	:	Windows 11
Front End	:	PHP
Back End	:	MYSQL

1.4 SOFTWARE FEATURES

About PHP

PHP is a powerful server-side scripting language for creating dynamic and interactive websites. PHP widely used; free and efficient alternative to competitors such as Microsoft's ASP. PHP is perfectly suited for Web development and can be embedded directly into the HTML code. The PHP syntax is similar to pearl and C. PHP is open source that it is readily available and absolutely free. Stability, flexibility and speed are chief qualities that attract to choose PHP. PHP have multiple extensions and is extremely scalable.

Server-side scripting

This server-side scripting is the most traditional and main target field for PHP. Programmer needs three things to make this work. Programmer need to run the web server, with a connected PHP installation. Programmer can access the PHP program output with a

web browser, viewing the PHO page through the server. All these can run on your home machine if programmers are just experimenting with PHP programming.

Command line scripting

Programmer can make a PHP script to run it without any server or browser. Programmers only need the PHP parser to use it this way. This type of usage is ideal for scripts regularly executed using cron (on *nix or Linux) or Task Scheduler (on Windows). These scripts can also be used for simple text processing tasks. **Features of PHP**

PHP runs on different platforms (Windows, Linux, UNIX, etc.) & PHP is compatible with almost all servers used today.

PHP is free to download from the official PHP resource: www.php.net.

About MYSQL

MYSQL is an open-source relational database management system (RDBMS) is developed, distributed and supported by MYSQL AB. MYSQL is a popular choice of database for use in web applications MYSQL can be scaled by deploying it on more powerful hardware, such as a multi-processor server with gigabytes of memory. MYSQL is easy to use, yet extremely powerful, secure, and scalable. And because of its small size and speed, it is the ideal database solution for Web sites.

MYSQL is a database management system

A database is a structured collection of data. It may be anything from a simple shopping list to a picture gallery or the vast amount of information in a corporation network. To add, access and process data stored in a computer database we need a database management system such as MYSQL server. Since computers are very good at handling large amount of data, database management system plays a central role in computing. **MYSQL is a relational database management system**

A relational database stores separate data in separate tables rather than putting all the data in one big storeroom. This adds speed and flexibility. The SQL part of "MYSQL" stands for "Structured Query Language". SQL is the most common standardize language used to access database and is defined by the ANSI/ISO SQL standard. The SQL standard has been evolving since 1986 and several versions exist.

MYSQL software is open source

Open source means that it is possible for anyone to use modify the software. Anybody can download the MYSQL software uses the GPL (GNU General Public License), to define what we may and may not use do with the software.

MYSQL Server works in Client/ Server or embedded systems

The MYSQL database software is a client/server system that consists of a multi-threaded SQL server that supports different backend, several different client programs and libraries, administrative tools and a wide range of Application Programming Interface (APIs). A large amount of contributed MYSQL software is available:

Modern day websites seem to be relying more and more on compel the Structured Query Language is a very popular database language, and its standardization makes it easy to store, update and access data. One of the most powerful SQL servers out there is called MYSQL and surprisingly enough, it's free.

Some of the features of MYSQL include: Handles large databases, in the area of 50,000,000+records. No memory leaks. Tested with a commercial memory leakage detector (purify). A privilege and password system which is very flexible and secure, and which allows

host-based verification. Passwords are secure since all password traffic when connecting the server is encrypted.

Features of MYSQL

Client/server Architecture: MYSQL is a client/server system. There is a database server (MYSQL) and arbitrarily many clients (application programs), which communicate with the server.

The clients can run on the same computer as the server or on another computer.

SQL Compatibility: As before said SQL is a standardized language for querying and updating data and for the administration of a database. Through the configuration setting solmode we can make the MYSQL server behave for the most part compatibly with various database systems.

Stored procedures: Stored procedures (SPs for short) are generally used to simplify steps such as inserting or deleting a data record.

Triggers: Triggers are SQL commands that are automatically executed by the server in

certain database operations INSERT, UPDATE, and DELETE, MYSQL has supported triggers. **Replication:** Replication allows the contents of a database to be copied (replicated) onto a number of computers to increase protection against system and to improve the speed of database queries.

Platform independence: MYSQL can be executed under a number of operating systems.

The most important are Apple Macintosh OS X, Linux, Microsoft Windows, and the Unix.

Speed: MYSQL is considered a very fast database program.

2. SYSTEM STUDY

2.1 EXISTING SYSTEM

In the existing system there is no monitoring system for girls, it should create many problems for them and the no safety mechanism to protect the girls from the misbehavior activities. In addition, in the existing system there is no alert mechanism for the girl's safety, it should be done by manually only.

2.1.1 DRAWBACKS OF EXISTING SYSTEM

- There is no hidden camera detector which is portable to ensure our privacy.
- Monitoring was tedious.
- Mischance in arriving rate.
- User needs to put correct data or else it behaves abnormally.

2.2 PROPOSED SYSTEM

The proposed system will be implemented with the help of web application. It will help the user to login them into application by just using their Email Id and with registered password. The System can be planned in a basic manner. This website created to make easy to understand approach on both sides. And it's very useful for women tracking through this website.

2.2.1 ADVANTAGES OF PROPOSED SYSTEM

- It is an all-in-one system. Hence no need to carry multiple devices.
- This website maintains the all user details.
- Smart24x7 website is available.

3.SYSTEM DESIGN

3.1 FILE DESIGN

System design is the process of planning a new system to complement or altogether replace the old system. The purpose of the design phase is the first step in moving from the problem domain to the solution domain. The design of the system is the critical aspect that affects the quality of the application. System design is also called top-level design. The design phase translates the logical aspects of the system into physical aspects of the system.

3.2 INPUT DESIGN

The data, which is input to a computer – based information system, must be correct. If data is carelessly input and errors enter the system, it will lead to incorrect results whose consequences will be expensive and embarrassing to the designer. In data processing, the data entry operator often makes errors. This can be controlled by input design by using menu, interactive dialogue, consistent format etc.

In this system the users are provided with user friendly pages to give the input and if the user gives any wrong input validations are done and message boxes are provided in the necessary places. The message specified in the message box is specified in a polite and in an informative manner.

System is interactive dialogue, which simplifies the data entry or access, instead of remembering what to enter. User can choose from a list of options and type it in the cursor position. This will reduce the number of corrections while entering the data.

3.3 DATABASE DESIGN

The database design involves creation of tables that are represented in physical database as stored files. They have their own existence. Each table constitute of rows and columns where each row can be viewed as record that consists of related information and column can be viewed as field of data of same type. The table is also designed with some position can have a null value.

The database design of project is designed in such a way values are kept without redundancy and with normalized format. Refer the appendix for screen shots of database design.

3.4 OUTPUT DESIGN

The proposed system is a web oriented system and hence it does not provide any reports. The output results are viewed in the web pages itself. Outputs from the computer system are required primarily to communicate the result of processing to users. They are also used to override a permanent copy of the results for later consultation. The output reports and input documents should be documented in terms of data content and approximate layout; it is not necessary to define the methods of presentation. It is possible to work back for the output data items are derived by calculations or by logical deduction.

3.5 SYSTEM DEVELOPMENT

TOP DOWN APPROACH

The importance of new system is that it is user friendly and a better interface with user's working on it. It can overcome the problems of manual system and the security problem.

Top down approach of software development is the incremental approach to the construction of program structure. Modules are integrated by moving through the control hierarchy, beginning with the main control module. Module subordinate to the main control modules is incorporate into the structure in either a depth first or breadth first manner.

The top down approach is performed in a serious of five steps

- The main module that is overall software is divided into five modules that are under the control of the main control module.
- Depending on the top down approach selected subordinate stubs is replaced one at a time with actual components.
- Tests are conducted as each component is integrated
- On completion of each test another stub is replaced with real time component.

Regression testing may be conducted to ensure the new errors have not been introduced

TABLE DESIGN

Table name : User registration

Primary key : uid

Field name	Data type	Width	Description
uid	Int	20	User identification
uname	Varchar	50	User name
pno	Varchar	10	Phone number
addr	Varchar	50	Address
pdet	Varchar	50	Parents details
fdet	Varchar	50	Friends details
time	Time	10	Time in/out
type	Varchar	50	User type (worker/student)
mail	Varchar	20	Mail (user name)
pwd	Varchar	20	Password

Table name : attendance details

Primary key: attid

Field name	Data type	Width	Description
attid	Int	20	Attendance identification
uname	Varchar	50	User name
time	Time	10	Time (in/out)

Table name : outgoing details

Primary key: ogid

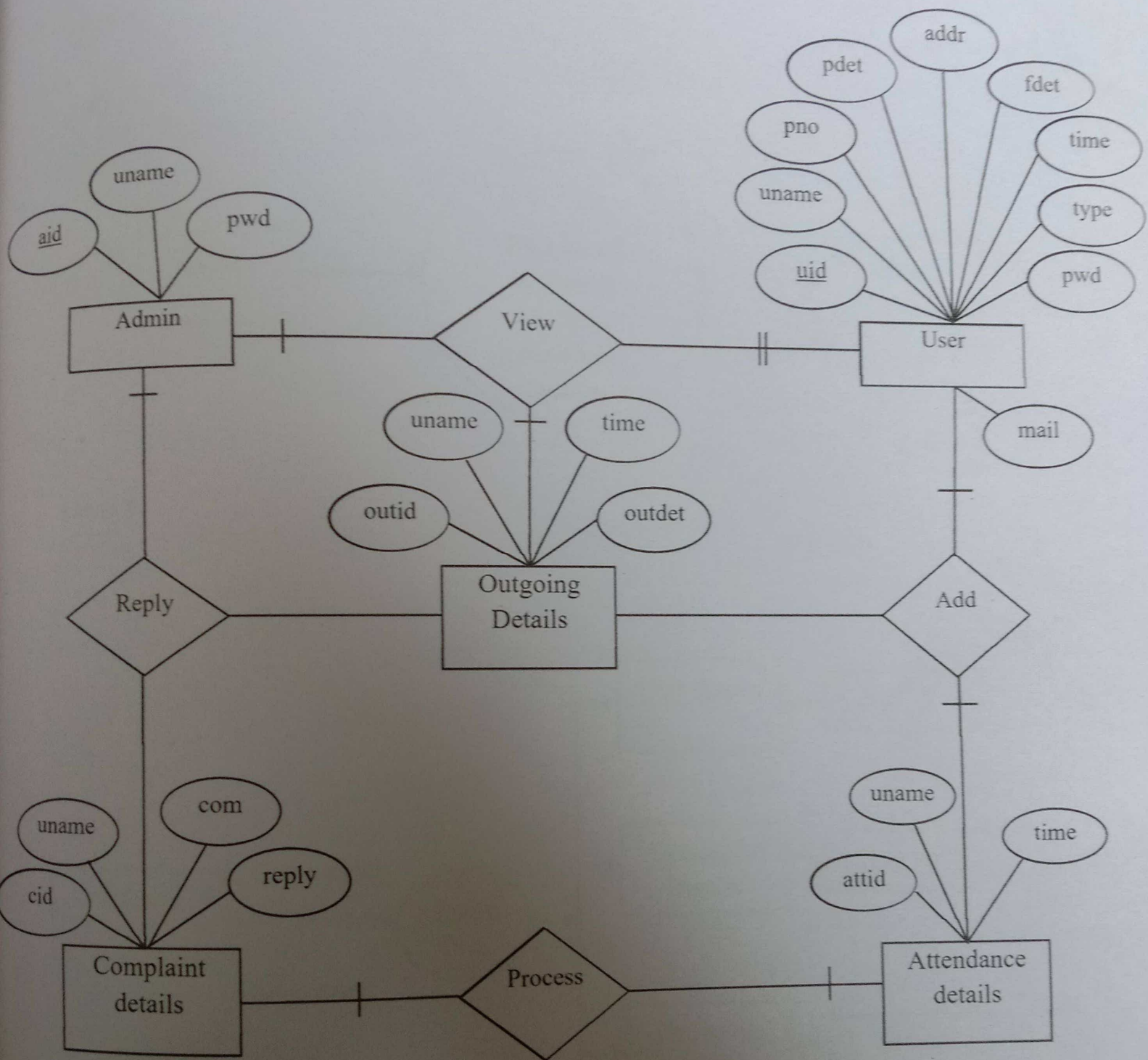
Field name	Data type	Width	Description
ogid	Int	20	Outgoing identification
uname	Varchar	50	User name
time	Time	10	Time (in/out)
outdet	Varchar	10	Outgoing details

Table name : complaint details

Primary key: cid

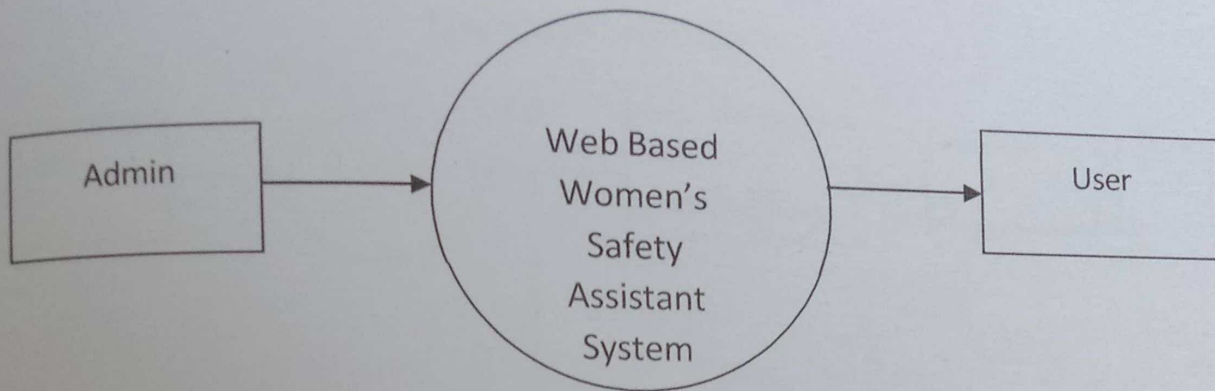
Field name	Data type	Width	Description
cid	Int	20	Complaint identification
uname	Varchar	50	User name
com	Varchar	50	Complaint details
reply	Varchar	50	Reply

3.6 ER DIAGRAM

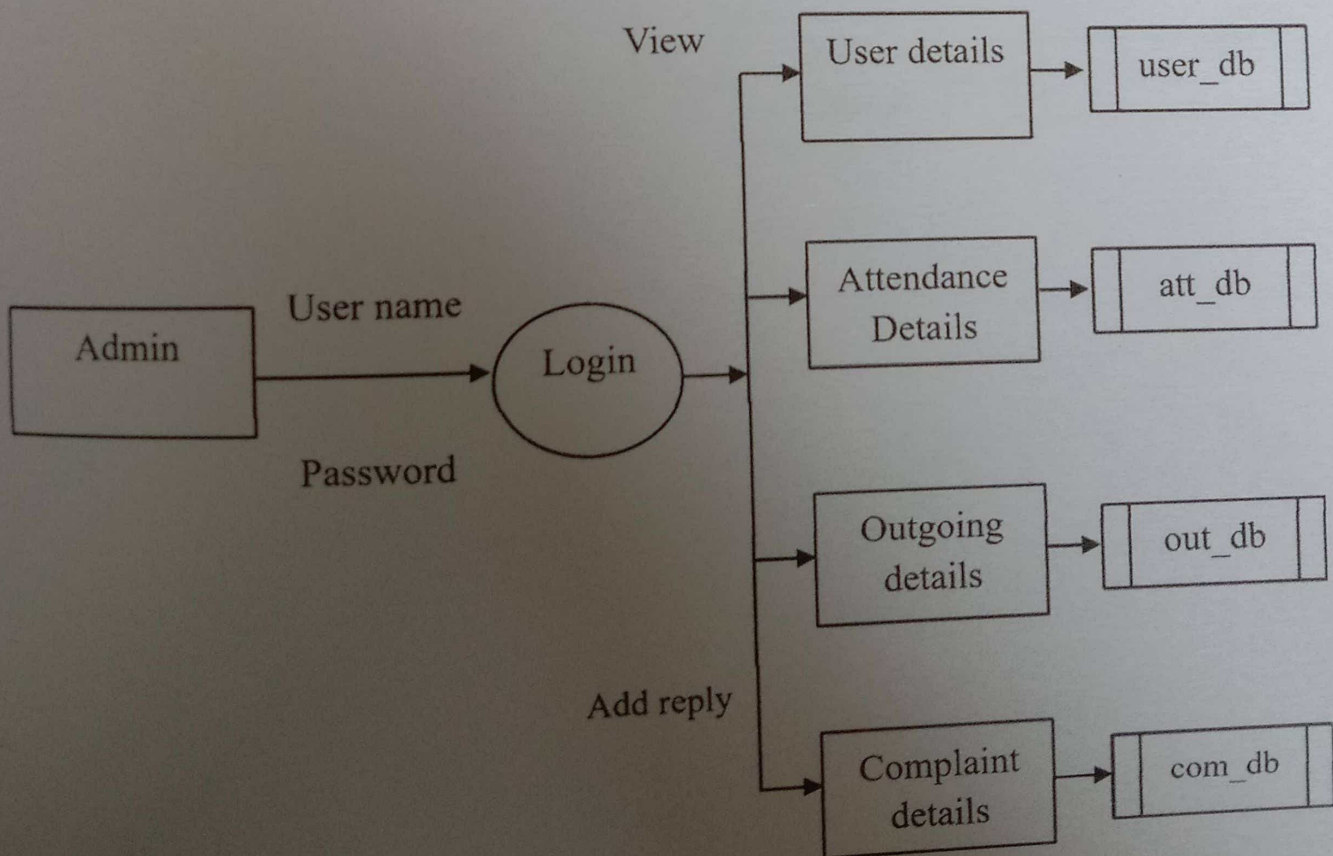


3.7 A. DATA FLOW DIAGRAM

Level 0

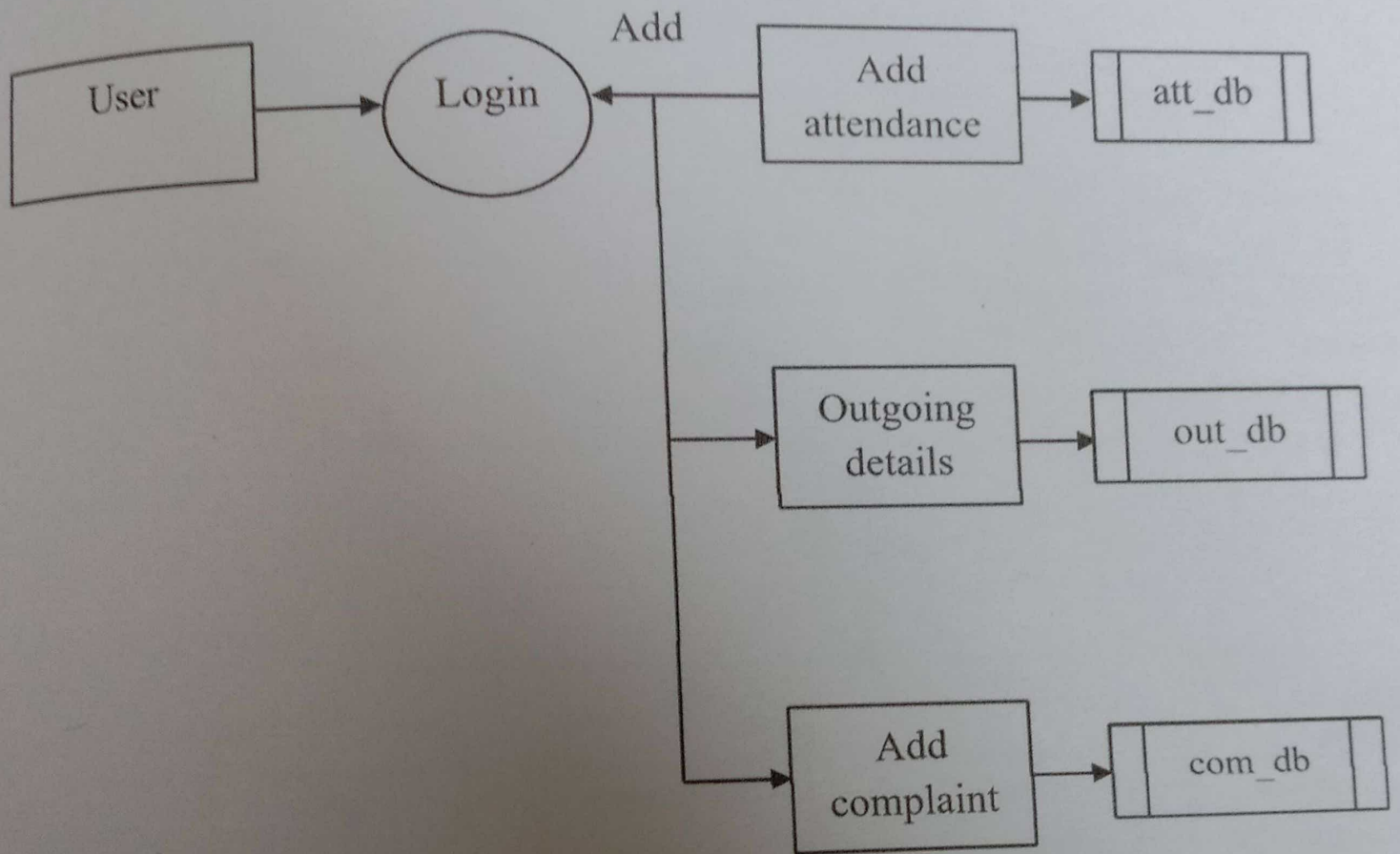


Level 1

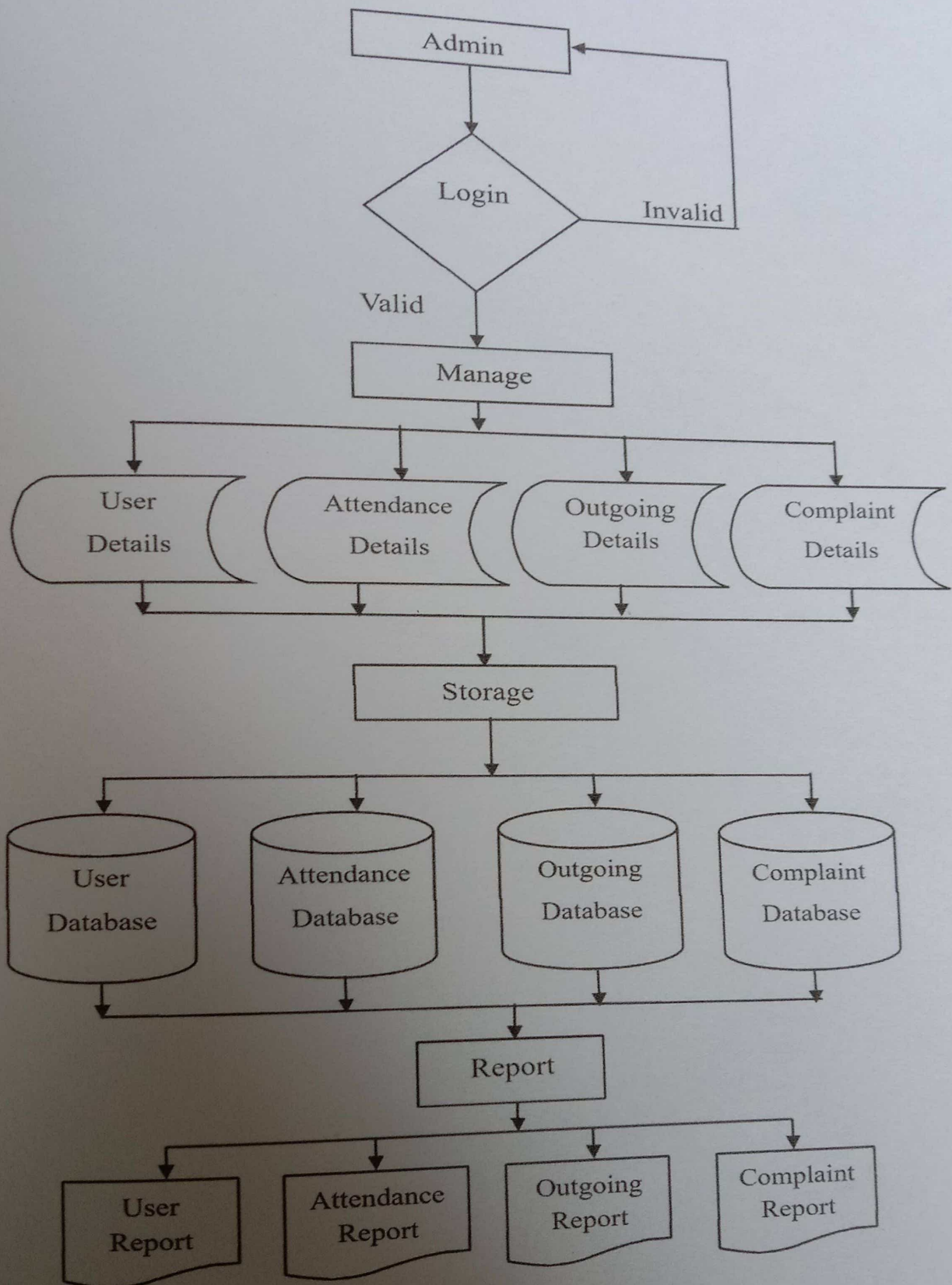


Level 2

Login after registration



B. SYSTEM FLOW DIAGRAM



4. SYSTEM TESTING AND IMPLEMENTATION

4.1 SYSTEM TESTING

Testing is a series of different tests that whose primary purpose is to fully exercise the computer based system. Although each test has a different purpose, all work should verify that all system element have been properly integrated and performed allocated function. Testing is the process of checking whether the developed system works according to the actual requirement and objectives of the system.

The philosophy behind testing is to find the errors. A good test is one that has a high probability of finding an undiscovered error. A successful test is one that uncovers the undiscovered error. Test cases are devised with this purpose in mind. A test case is a set of data that the system will process as an input. However the data are created with the intent of determining whether the system will process them correctly without any errors to produce the required output.

Types of Testing

- Unit testing
- Integration testing
- Validation testing
- Output testing
- User acceptance testing
- White box testing
- Black box testing

Unit Testing

All modules were tested and individually as soon as they were completed and were checked for their correct functionality.

Integration Testing

The entire project was split into small program; each of these single programs gives a frame as an output. These programs were tested individually; at last all these programs were combined together by creating another program where all these constructors were used. It give a lot of problem by not functioning is an integrated manner.

The user interface testing is important since the user has to declare that the

arrangements made in frames are convenient and it is satisfied. When the frames were given for the test, the end user gave suggestion. Based on their suggestions the frames were modified and put into practice.

Validation Testing

At the culmination of the black box testing software is completely assembled as a package. Interfacing errors have been uncovered and corrected and a final series of test i.e., Validation succeeds when the software function in a manner that can be reasonably accepted by the customer.

Output Testing

After performing the validation testing the next step is output testing of the proposed system. Since the system cannot be useful if it does not produce the required output. Asking the user about the format in which the system is required tests the output displayed or generated by the system under consideration. Here the output format is considered in two ways. One is on screen and another one is printed format. The output format on the screen is found to be corrected as the format was designed in the system phase according to the user needs. And for the hardcopy the output comes according to the specifications requested by the user.

White box testing

White box testing (also known as Clear Box Testing, Open Box Testing, Glass Box Testing, Transparent Box Testing, Code-Based Testing or Structural Testing) is a software testing method in which the internal structure/design/implementation of the item being tested is known to the tester. The tester chooses inputs to exercise paths through the code and determines the appropriate outputs.

Programming know-how and the implementation knowledge is essential. White box testing is testing beyond the user interface and into the nitty-gritty of a system. This method is named so because the software program, in the eyes of the tester, is like a white/transparent box; inside which one clearly sees. Definition by ISTQB

White-box testing: Testing based on an analysis of the internal structure of the component or system

White-box test design technique: Procedure to derive and/or select test cases based on an analysis of the internal structure of a component or system.

Black box testing

Black box testing, also known as Behavioral Testing, is a software testing method in which the internal structure/design/implementation of the item being tested is not known to the tester.

These tests can be functional or non-functional, though usually functional.

This method is named so because the software program, in the eyes of the tester, is like a black box; inside which one cannot see. This method attempts to find errors in the following categories:

- Incorrect or missing functions
 - Interface errors
 - Errors in data structures or external database access
 - Behavior or performance errors
 - Initialization and termination errors
- Definition by **ISTQB**

Black box testing: Testing, either functional or non-functional, without reference to the internal structure of the component or system.

Black box test design technique: Procedure to derive and/or select test cases based on an analysis of the specification, either functional or non-functional, of a component or system without reference to its internal structure.

Timing Analyzer

Also called a profiler, reports the time spent in various regions of the code and areas to concentrate on to improve system performance.

4.2 SYSTEM IMPLEMENTATION

Implementation is the stage in the project where the theoretical design is turned into a working system and is giving confidence on the new system for the users that it will work efficiently and effectively. It involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve the change over, an evaluation of change over methods. Apart from planning major task of preparing the implementation are education and training of users. The implementation process begins with preparing a plan for the implementation of the system.

According to this plan, the activities are to be carried out, discussions made regarding the equipment and resources and the additional equipment has to be acquired to implement the new system. In network backup system no additional resources are needed. Implementation is the final and the most important phase. The most critical stage in achieving a successful new system is giving the users confidence that the new system will work and be effective. The system can be implemented only after thorough testing is done and if it is found to be working according to the specification. This method also offers the greatest security since the old system can take over if the errors are found or inability to handle certain type of transactions while using the new system. As the part of system testing we execute the program with the intent of finding errors and missing operations and also a complete verification to determine whether the objectives are met and the user requirements are satisfied. The ultimate aim is quality assurance.

SYSTEM MAINTENANCE

According to this plan, the activities are to be carried out, discussions made regarding the equipment and resources and the additional equipment has to be acquired to implement the new system. In network backup system no additional resources are needed. Implementation is the final and the most important phase. The most critical stage in achieving a successful new system is giving the users confidence that the new system will work and be effective. The system can be implemented only after thorough testing is done and if it is found to be working according to the specification. This method also offers the greatest security since the old system can take over if the errors are found or inability to handle certain type of transactions while using the new system. As the part of system testing we execute the program with the intent of finding errors and missing operations and also a complete verification to determine whether the objectives are met and the user requirements are satisfied. The ultimate aim is quality assurance.

TEST CASES

Test Cases Test No	Test Description	Test Procedure	Test Code	Expected Result	Actual Result	Status
TC01	User Authentication	Enter invalid register and login	<pre> <i class="fa fa-user"></i> Register <i class="fa fa-lock"></i> Log In< /a> Else msgbox"invalid user" End if </pre>	Display steganography	Access Denied	Fail

5. CONCLUSION AND FUTURE ENHANCEMENT

The main objective of the project is to bring a full-fledged computerized organization, and to enable the transaction details to maintain records, which makes of the employees easier. Thus, the proposed system has been developed with good amount of flexibility without compromising on the response time.

Computerization of the entire system will enhance more accuracy and reduces major part of clerical works. Fast, clear and legible reports can be generated without any ambiguity. Integrated database design and ease of maintenance is a major advantage of the system. User friendliness is a unique feather of the system. Hence by developing a system that is user-friendly in nature, many users are able to work on the system with little of computer knowledge and training.

There is a wide scope for future development of the software. The world of computer fields is not static it is always subject to change. The technology which is famous today will become outdated very next day. To keep abstract of technical improvements, the system may be refinement.

So it is not concluded. Yet it will improve with further enhancements.

It is essential to change the software when new software arrives with more advanced feathers.

So it is much necessary for further development. Further enhancements can be done in an efficient manner with disruption to the system.

BIBLIOGRAPHY

1. Jesus Castagnetto, Sascha Schumann, "Professional Php Programming", Addison wisely Publication, Fifth Edition.
2. Jay Greenspan, Brad Bulgar, "Mysql/Php Database Applications", Tata McGraw-Hill Publishing Company, Third Edition.
3. William Stallings, "Cryptography And Network Security", Tata McGraw-Hill Publishing Company, Third Edition.
4. Bruce Schneier, "Applied Cryptography", Pearson Education, Second Edition.
5. Rogers Pressman, "Software Engineering and Applications", Galgotie Publication, Sixth Edition.

REFERENCES WEBSITE

1. www.onlinetutorial.com
2. www.cryptography.com
3. www.tenders.com
4. www.computerhope.com/starthtm.htm
5. www.webdesign.about.com/od/webdesignbasics/u/webdesignbasics.htm
6. www.w3schools.com/php/php_mysql_intro.asp

F. SAMPLE CODING

```
<?php include"inc/header.php"
?>
<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper">
  <!-- Content Header (Page header) -->
  <div class="content-header"> <div class="container-fluid">
    <div class="row mb-2">
      <div class="col-sm-6">
        <h1 class="m-0 text-dark">Dashboard</h1>
      </div><!-- /.col -->
      <div class="col-sm-6">
        <ol class="breadcrumb float-sm-right">
          <li class="breadcrumb-item"><a href="dashboard.php">Dashboard</a></li>
          <li class="breadcrumb-item active">Add New User</li>
        </ol>
      </div><!-- /.col -->
    </div><!-- /.row -->
  </div><!-- /.container-fluid -->
</div>
<!-- /.content-header -->
<!-- Main content -->
<div class="content">
  <div class="container-fluid">
    <div class="row">
      <div class="col-lg-12">
        <form action="" method="post" enctype="multipart/form-data">
          <div class="form-group">
            <input type="text" name="name" placeholder="Full name" class="form-control
            required="required">
          </div>
        </form>
      </div>
    </div>
  </div>
</div>
```



```
<input type="text" name="username" placeholder="User Name" class="form-control">
</div>
<div class="form-group">
<input type="email" name="email" placeholder="Email" class="form-control"> </div>
<div class="form-group">
<input type="text" name="phone" placeholder="Phone Number" class="form-control">
</div>
<div class="form-group">
<input type="password"      name="password"      placeholder="Password"
      class="form-control">
</div>
<div class="form-group">
<input type="password"      name="re-password" placeholder="Retype-Password"
class="form-control">
</div>
<div class="form-group">
<input type="file" name="image" class="form-control">
</div>
<div class="form-group">
<select name="role" class="form-control">
<option>Please Select Your Role</option>
<option value="0">Admin</option>

<option value="1">Editor</option>
<option value="2">User</option>
</select>
</div>
<div class="form-group">
<select name="status" class="form-control">
<option> Account Status</option>
<option value="1">Active</option>
<option value="2">Inactive</option>
</select>
</div>
```



```

<div class="form-group">
<input type="submit" value="submit" name="adduser" class="btn btn-md btn-primary">
</div>
</form>
</div>
</div><!-- /.row -->
<?php if(isset($_POST['adduser'])) {
$name = mysqli_real_escape_string($db, $_POST['name']);
$username = $_POST['username'];
$email = $_POST['email'];
$phone = $_POST['phone'];
$password = $_POST['password'];
$repassword = $_POST['re-password'];
$role = $_POST['role'];
$status = $_POST['status'];

$image = $_FILES['image']['name']; $image_tmp
= $_FILES['image']['tmp_name']; if($password ==
$repassword) { $haspassword
= sha1($password);
}
$extn = strtolower(end(explode(".", $image))); $extensions= array("jpeg","jpg","png");
if(in_array($extn,$extensions)
== false) { header('Location: addUser.php');
} else {
$random_number = rand(0,1000000); $updatedimage =
$random_number.'_'.$image; move_uploaded_file($image_tmp,"img/user/".$updatedimage);
$query = "INSERT INTO user (name,user_name,email,phone,
password,image,user_role,status)
VALUES('$name','$username','$email','$phone','$haspassword','$updatedimage','$role','$statu
s')";
;
$insert_user = mysqli_query($db,$query); if($insert_user) { header('Location:
viewAllUsers.php'); } else { die("Error: ".mysqli_error($db));

```



```

}
}
}
?>
</div><!-- /.container-fluid -->
</div><!-- /.content -->
</div><!-- /.content-wrapper -->
<?php include "inc/footer.php";

?>
<?php @ob_start(); include("connection.php"); include("maindb.php");
?>
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta http-equiv="x-ua-compatible" content="ie=edge">
<title>WOMEN SAFETY</title>
<meta name="description" content="">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel='stylesheet' href='css/style.css'>
<script src="jquery-3.5.1.min.js"></script>
<style> p{ font-size:18px;
}
.contain{ margin:20px 70px; padding:15px;
}
.complaint_forum{ width: 410px; overflow: hidden; margin: auto; margin-top: 100px;
margin-bottom: 100px; padding: 20px; background: #fff;

border: 1px solid red; border-radius: 5px;
}
</style>
</head>
<body>

```



```

<header>
<nav class="navbar navbar-inverse">
<div class="container">
<div class="navbar-header">
<a href="" class="navbar-brand">

</a>
</div>
<?php include("nav.php");?>
</div>
</nav>
</header>
<div class="forum">
<h2 class="contain">Post your attendance</h2>
<form action="attendance.php" method="post">
<input type="hidden" value="<?php echo $_SESSION['username'];?>" name="username">
<label class="nam">Time In <input type="time" name="timein" required
Placeholder="Time in" value="<?php echo $timein;?>">
</label>
<label class="nam">Time Out
<input type="time" name="timeout" required Placeholder="Time out" value="<?php echo
$timeout;?>">
</label>
<button type="submit" name="submit" class="btn-login">Post</button>
</form>
</div> <?php include("womendb.php"); if($conn->connect_error){ die('Connection
Failed : '.$conn->connect_error);
} else{
$query="select * from attendance where username='$_SESSION[username]'";
$result=mysqli_query($conn,$query);
?>
<div class="complaint_forum">

```



```

<?php while($row=mysqli_fetch_array($result)){ echo "Name:".$row["username"]; echo
"<br>Timein:".$row["timein"]."<br>". "Timeout:".$row["timeout"]."<br>"; }

?>

</div>

<footer align='center' class="end"><font color=#3498db> <p>Emergency Contacts :</p>

<p>AMBULANCE : 102</p>

<p>POLICE : 100</p>

<p>Press SOS button for HELP</p></font>

</footer>

</body>

</html> <?php @ob_start(); include("connection.php"); include("maindb.php");

?>

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>WOMEN SAFETY</title>

<meta name="description" content="">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link href="compla/style.css" type="text/css" rel="stylesheet">

<script src="compla/jquery-1.12.0.min.js" type="text/javascript"></script>

<script src="compla/script.js"></script>

<script src="//code.jquery.com/jquery-1.10.2.js"></script>

<style>

.men_ex{ borderradius:5px; }

.men_ex ul { margin: 0; padding: 0; width:185px; liststyle-type: none; }

.men_ex ul li a { textdecoration: none; color: #fff; padding: 10.5px 11px; background-color:

#3E5F74; display:block; borderbottom:solid 1px #000;

}

.men_ex ul li a:visited { color: white;

}

.men_ex ul li a:hover, .men_ex ul li .current { color: #000; background-color: #B1C7D6;

```



```

}
.show_hide{ position:fixed; margin:
30px 30px;
</style>

```

```

<link rel='stylesheet' href='css/style.css'>
<script src="jquery-3.5.1.min.js"></script>
<style>

```

```

*

```

Theme - Task Manager Version - 1.0

Author - Vijay Thapa */

```

*{ margin: 0; padding: 0; fontfamily: verdana; }

```

```

.wrapper{ width: 70%; margin: 0 auto; padding: 2%; } h1{ color: #3867d6;
marginbottom: 2%;

```

```

} h3{ margin:

```

```

2% 0; } .menu{

```

```

marginbottom: 2%;

```

```

}

```

```

.menu a{ font-weight: bold; margin-right: 1%; color:

```

```

black; text-decoration:

```

```

none;

```

```

}

```

```

.menu a:hover{ textdecoration: underline; } .btn-primary{ backgroundcolor: #26de81;
padding: 5px; font-weight: bold; textdecoration: none; color:

```

```

black; } .btnprimary:hover{ background-color: #20bf6b; }

```

```

.btn-secondary{ background- color: #778ca3; padding: 5px; font-weight: bold; text-
decoration: none; color: white; }

```

```

.btn-secondary:hover{ background-color: #4b6584;

```

```

}

```

```

.btn-lg{ width: 50%; .tbl-full{ width: 100%; } table tr th{ text-align: left; border-bottom: 1px
solid black; padding: 1%; padding-top: 3%; } table tr td{ padding: 1%;

```

```

}

```

```

.tbl-half{ width:

```

```

40%;

```

```

}
</style> <style> p{ font-size:18px;

}
.contain{ margin:20px 70px; padding:15px;

}
.complaint_forum{ width:
410px; overflow: hidden; margin: auto; margin-top:
100px; margin-bottom:
100px; padding: 20px; background: #fff; border: 1px solid red; border-radius: 5px;

}
</style>
<head>
<body>
<header>
<nav class="navbar navbar-inverse">
<div class="container">
<div class="navbar-header">
<a href="" class="navbar-brand">

</a>
</div>
<ul class="nav navbar-nav navbar-right">

<li><a href='logout.php'>Logout</a></li>
<li><a href='safetytips.php'>Safety Tips</a></li>
<li><a href='homepage.php'>Home</a></li>
</ul>
</div>
</nav>
</header>
<div class="forum">
<h2 class="contain">Post your events</h2>
<form action="event.php" method="post">

```



```

<input type="hidden" value="<?php echo $_SESSION['username'];?>" name="username">
<label class="nam">Name :<br><input type="text" name="name" required=""><br></label>
<label class="nam">Time In <input type="time" name="timein" required
Placeholder="Time in" value="<?php echo $timein;?>">
(09"09:AM/PM)</label>
<label class="nam">Time Out
<input type="time" name="timeout" required Placeholder="Time out" value="<?php echo
$timeout;?>"> (09"09:AM/PM) </label>
<label class="mes">Message :<br><textarea id="mess" cols="50" rows="10"
name="complaint"
required=""></textarea></label><br>
<button type="submit" name="submit" class="btn-login">Post</button>
</form>

```

```

</div> <div class="all-lists">
<a class="btn-primary" href="<?php echo SITEURL; ?>add-list.php">Add List</a>
<table class="tbl-half">

```

```

<tr>
<th>S.N.</th>
<th>List Name</th>
<th>Actions</th>
</tr>

```

```

<?php
//SQL Query to display all data from database
$sql = "SELECT * FROM event";
//Execute the Query
$res = mysqli_query($conn, $sql);
//Check whether the query executed successfully or not if($res==true)
{
//work on displaying data
//echo "Executed";
//Count the rows of data in database
$count_rows = mysqli_num_rows($res);
//Create a Serial Number Variable
$sn = 1;

```

```

//Check whether there is data in database or not if($count_rows>0)
{
//There's data in database' Display in table while($row=mysqli_fetch_assoc($res))
{
//Getting the data from database
$list_id = $row['list_id'];
$list_name = $row['list_name'];
?>
<tr>
<td><?php echo $sn++; ?>. </td>
<td><?php echo $list_name; ?></td>
<td>
<a href="<?php echo SITEURL; ?>update-list.php?list_id=<?php echo $list_id;
?>">Update</a>
<a href="<?php echo SITEURL; ?>delete-list.php?list_id=<?php echo $list_id;
?>">Delete</a>
</td>
</tr> <?php else
{
//No Data in Database
?>

}

```


Fig1 Admin Login

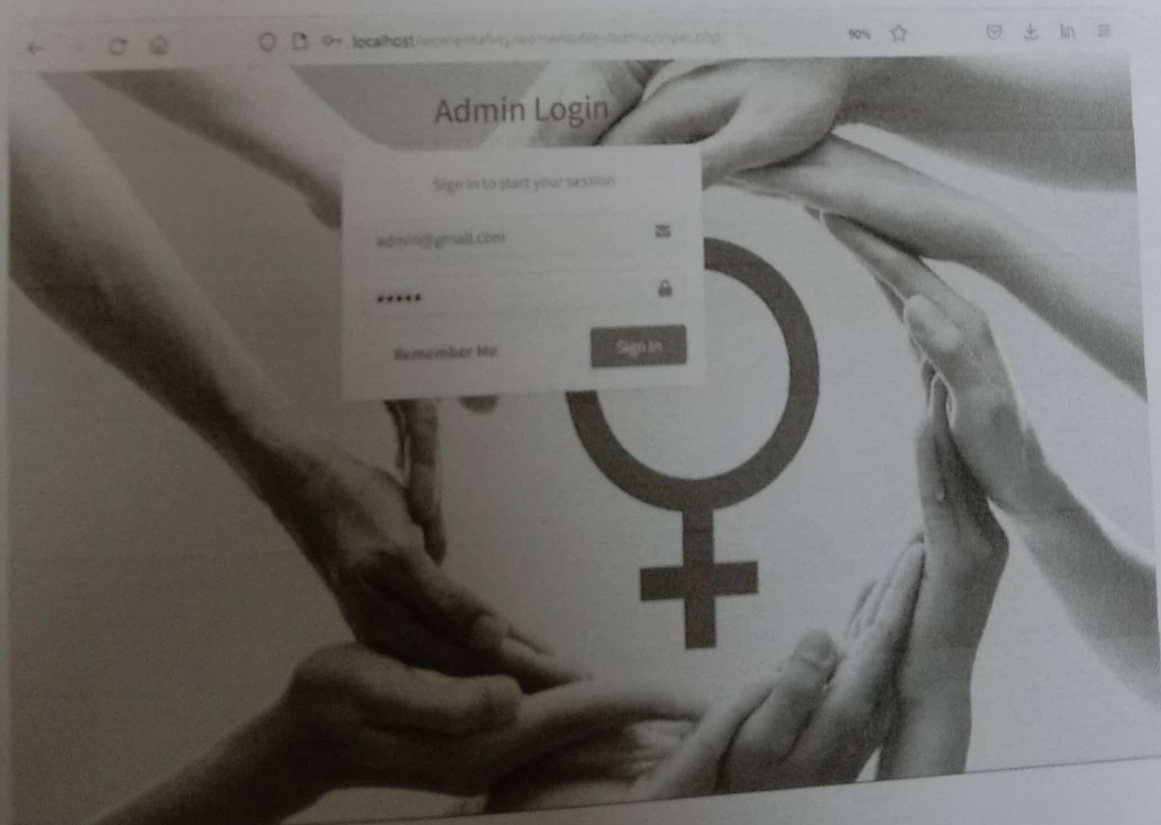
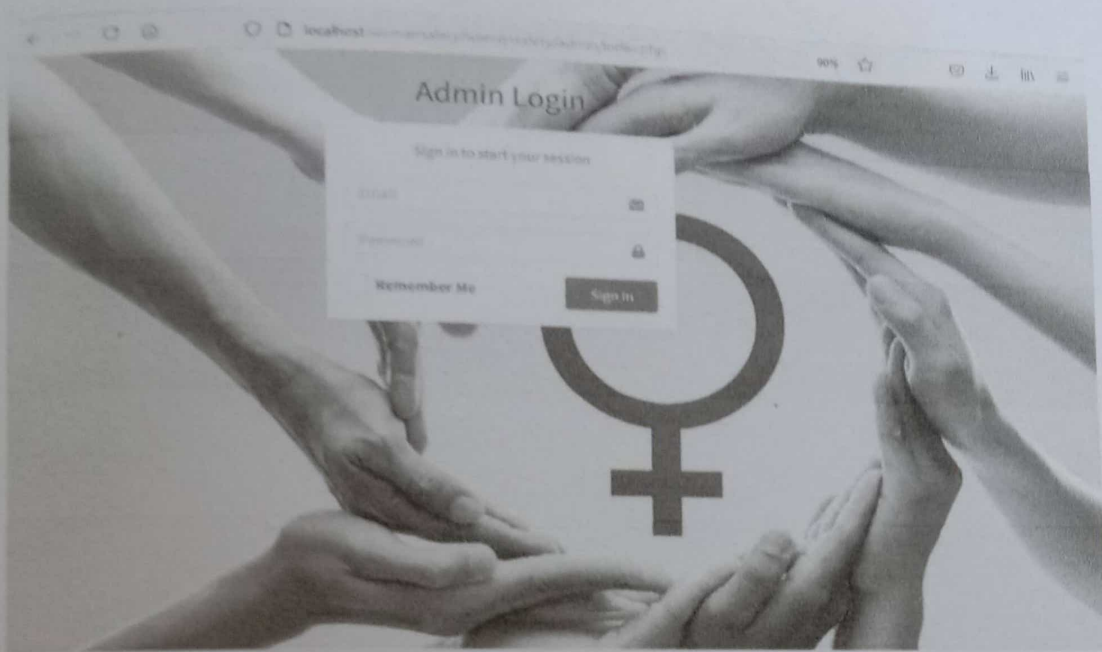


Fig1.2 Admin Dashboard

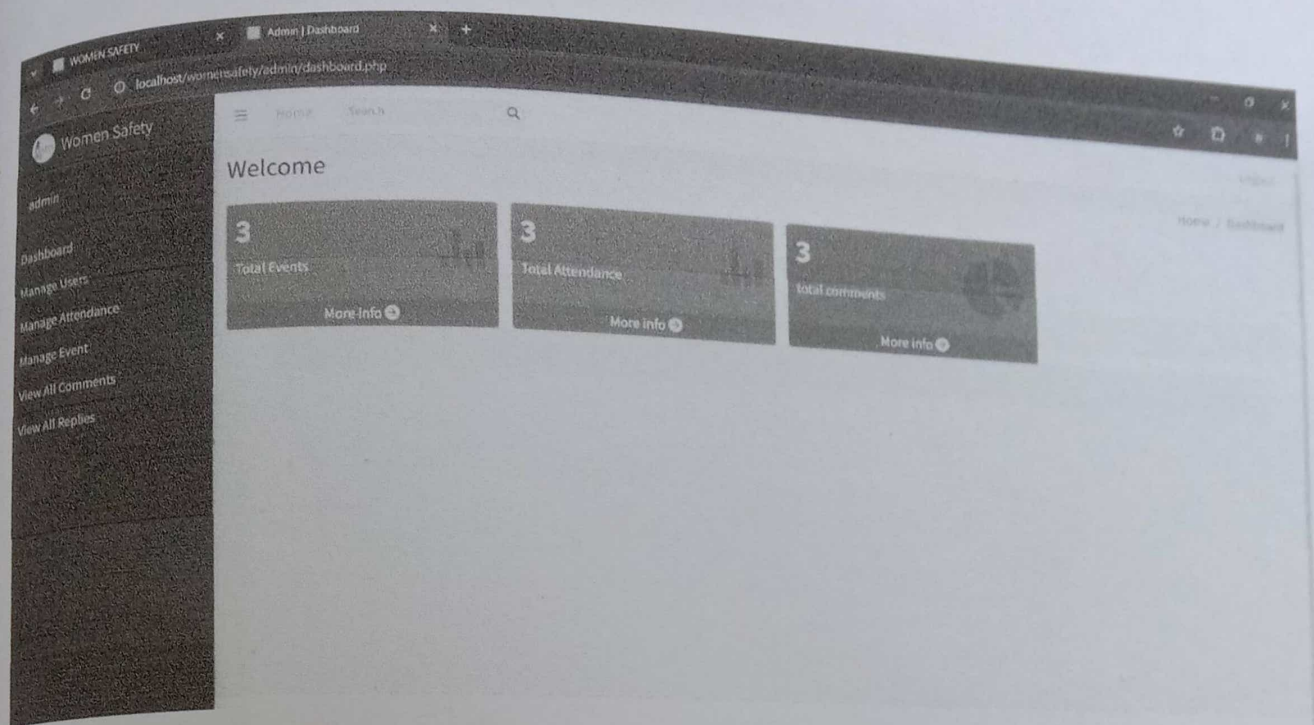


Fig1.3 Attendance details

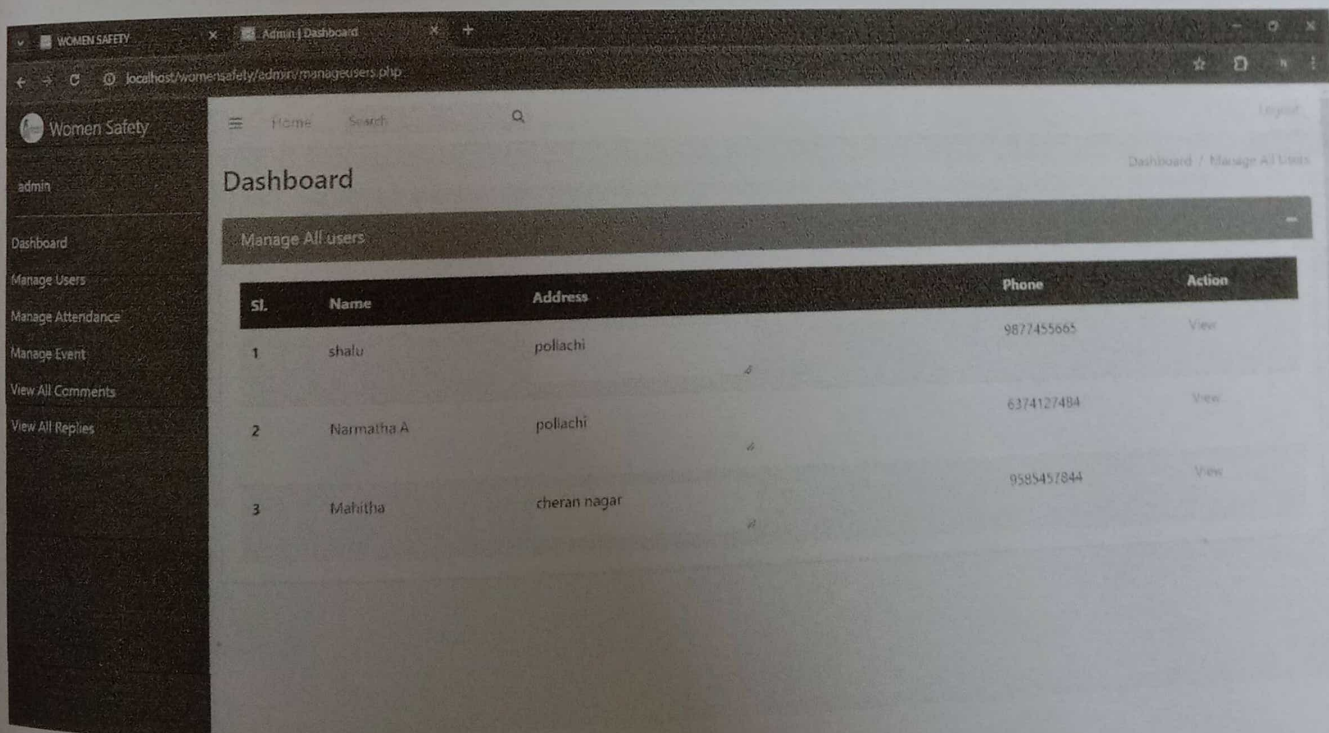
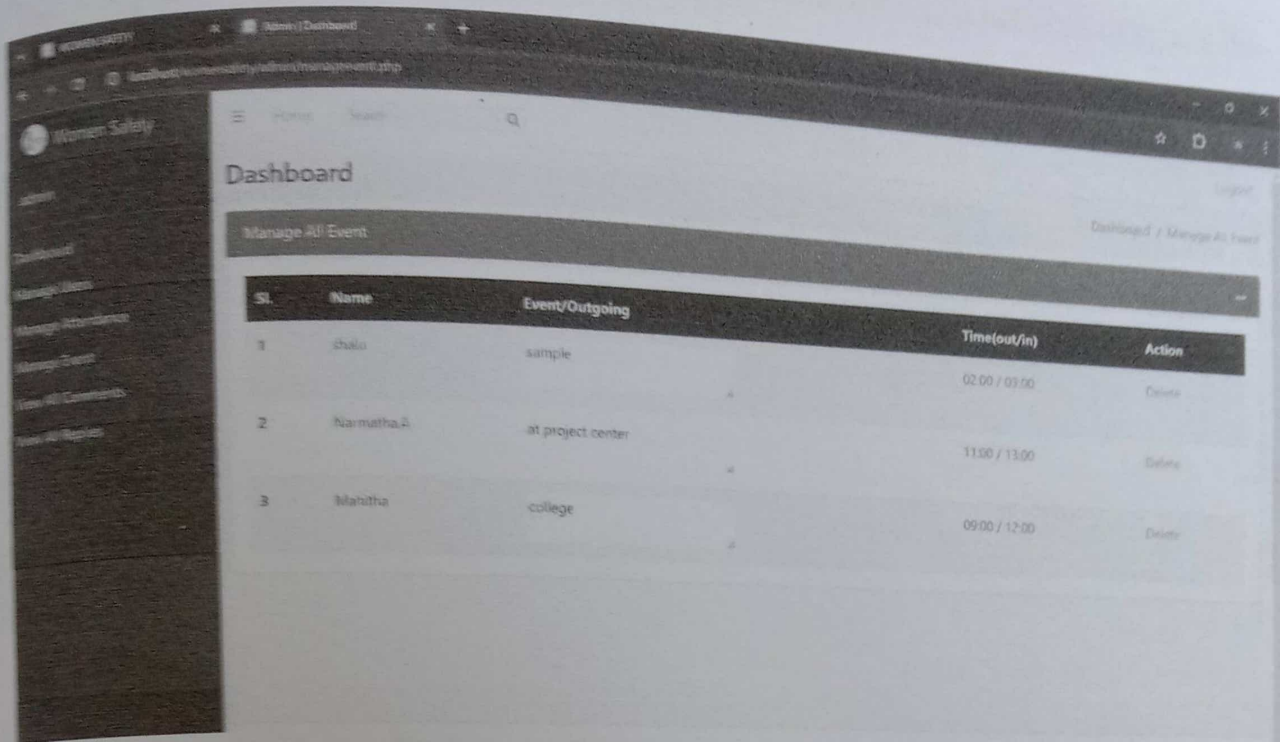


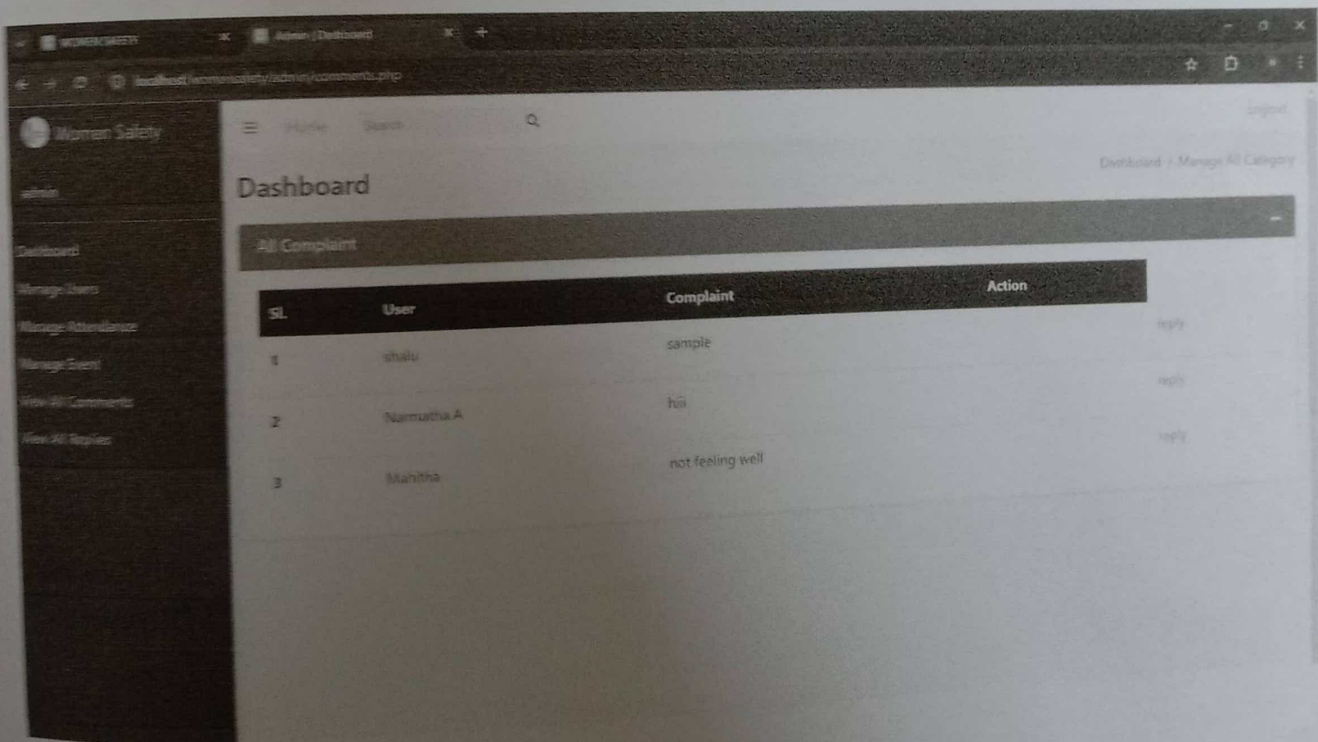
Fig1.4 Event details



The screenshot shows a web application titled "Women Safety" with an "Admin" role. The dashboard is titled "Dashboard" and displays a table of events. The table has columns for "Sl.", "Name", "Event/Outgoing", "Time(out/in)", and "Action". There are three rows of data. The left sidebar contains links to "Dashboard", "Manage Users", "Manage Attendance", "Manage Event", "View All Comments", and "View All Replies".

Sl.	Name	Event/Outgoing	Time(out/in)	Action
1	chalu	sample	02:00 / 03:00	Delete
2	Narmutha A	at project center	11:00 / 13:00	Delete
3	Mahitha	college	09:00 / 12:00	Delete

Fig1.5 Complaint details



The screenshot shows the same "Women Safety" web application, but the dashboard is titled "Dashboard" and displays a table of complaints. The table has columns for "Sl.", "User", "Complaint", and "Action". There are three rows of data. The left sidebar is identical to the previous screenshot.

Sl.	User	Complaint	Action
1	chalu	sample	reply
2	Narmutha A	hii	reply
3	Mahitha	not feeling well	reply

Fig1.6 Reply details

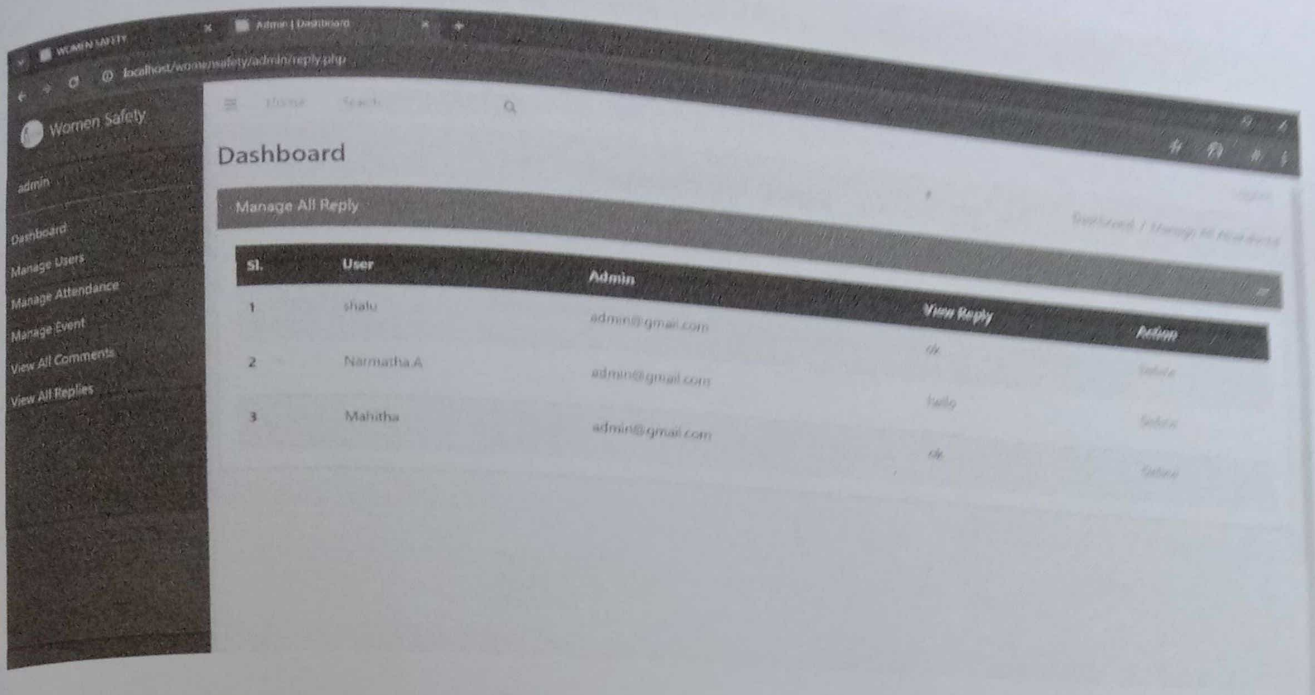


Fig2 User Registration

The screenshot shows the 'User Registration' form. The form is titled 'Registration Form' and contains the following fields and options:

- Name :**
- Phone Number :**
- Address :**
- Parent details :**
- Friend Details:**
- Timing in Out :**
 - Timeout(09:09 am)
 - Timein(08:08 pm)
- Type :**
 - ☒ Working
 - ☐ Student
- UserName :**
- Password :**
- Register** (button)

Registration Form

Name :

kavi

Phone Number :

6329874510

Address :

gollachhi

Parent details :

7875478747

gollachhi

Friend Details:

9859874934

gollachhi

Timing in /Out :

10 : 30 AM Timeout(09:09:am)

04 : 30 PM Timein(08:08:pm)

Type :

☒ Working ☐ Student

UserName :

kavi@gmail.com

Password :

••••

Register

Fig2.1 User Login

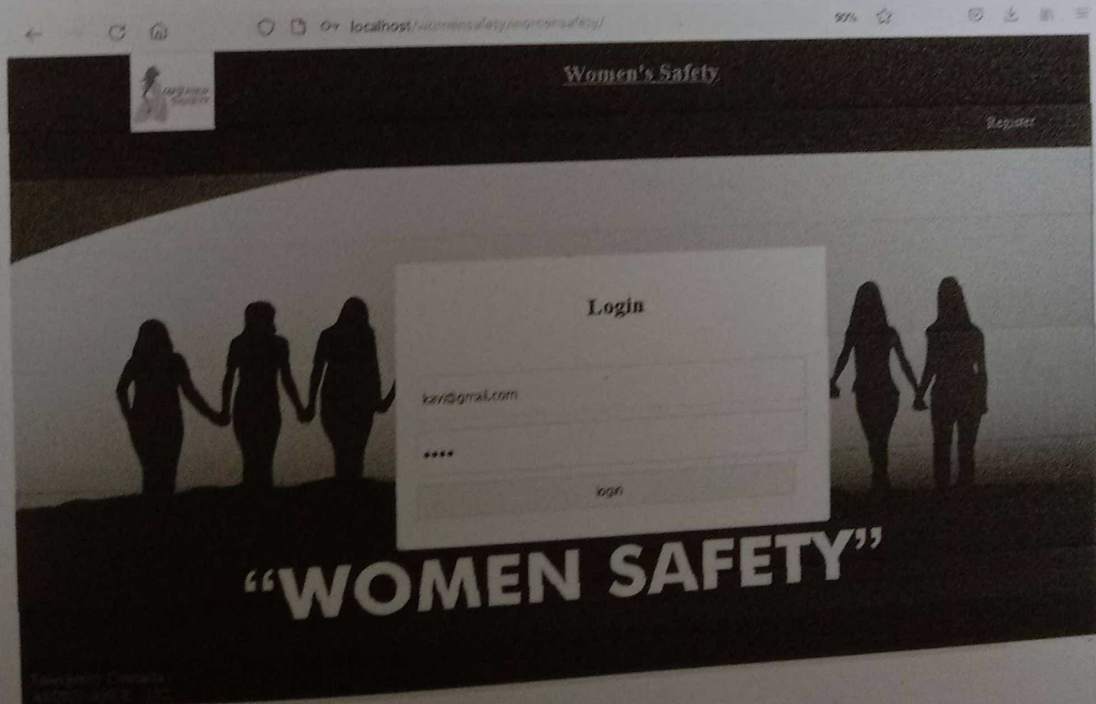
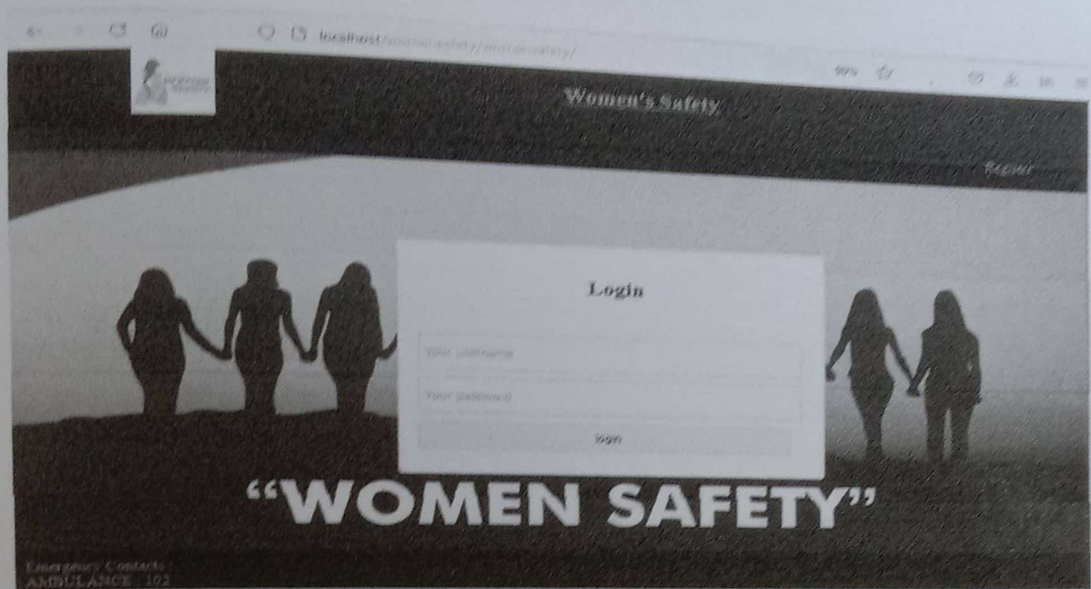


Fig2.2 User Dashboard

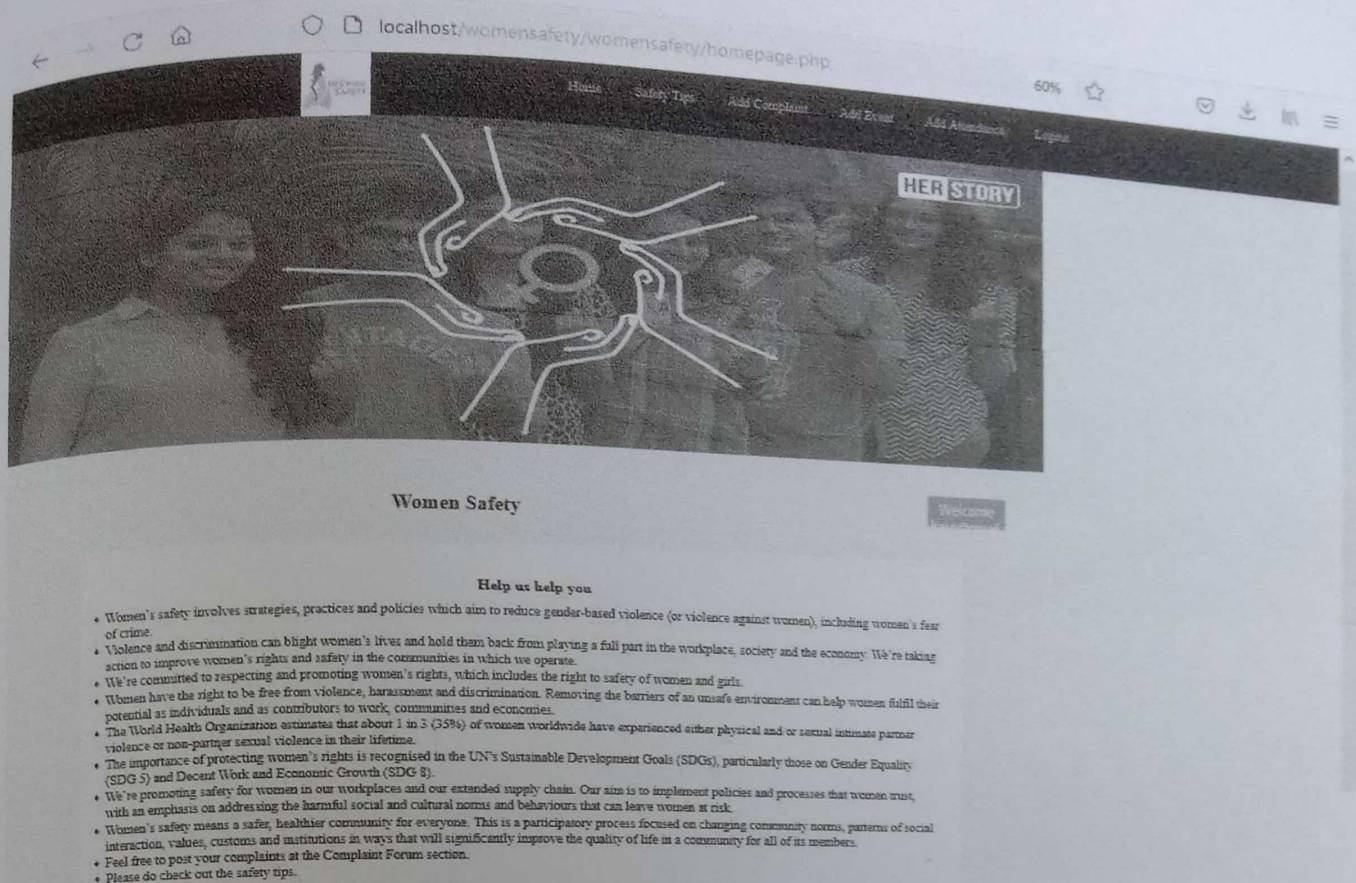


Fig2.3 Add Complaint

A screenshot of a web browser displaying a form titled "Post your Complaints". The browser's address bar shows the URL "localhost/women/safety/women/safety/addcomplaint.php". The navigation bar includes links for "Home", "Safety Tips", "Add Complaint", "Add Event", "Add Attendance", and "Logout". The form itself has a title "Post your Complaints" and two input fields: "Name :" and "Message :". The "Message :" field is a larger text area. Below the text area is a "Post" button. In the bottom left corner of the page, there is a link labeled "Add List".

localhost/women/safety/women/safety/addcomplaint.php

Home Safety Tips Add Complaint Add Event Add Attendance Logout

Post your Complaints

Name :

Message :

Post

Add List

A screenshot of the same web browser displaying the "Add Complaint" form, but with sample data entered. The "Name :" field contains the text "kati" and the "Message :" field contains the text "have issues in office". The "Post" button remains visible below the message field. The browser's address bar and navigation bar are identical to the previous screenshot.

localhost/women/safety/women/safety/addcomplaint.php

Home Safety Tips Add Complaint Add Event Add Attendance Logout

Post your Complaints

Name :

Message :

Post

Add List

Fig2.4 Add Event

Post your outgoing

Name :

Time out (09*09:AM/PM) :

Time in (09*09:AM/PM) :

Message :

Post

Post your outgoing

Name :

Time out (09*09:AM/PM) :

Time in (09*09:AM/PM) :

Message :

Post

Fig 2.5 Attendance

localhost/womensafety/womensafety/addattendance.php

Home Safety Tips Add Complaint Add Event Add Attendance Logout

Post your attendance

Time Out
-- : -- --

Time In
-- : -- --

Post

Name:kavi@gmail.com
Timein:21:09
Timeout:08:08
Name:kavi@gmail.com
Timein:21:30
Timeout:08:30

localhost/womensafety/womensafety/addattendance.php

Home Safety Tips Add Complaint Add Event Add Attendance Logout

Post your attendance

Time Out
09 : 30 AM

Time In
06 : 00 PM

Post

Name:kavi@gmail.com
Timein:21:09
Timeout:08:08
Name:kavi@gmail.com
Timein:21:30
Timeout:08:30

CUSTOMER RELATIONSHIP MANAGEMENT

PROJECT REPORT

Submitted by
M.GOKULKRISHNAN (23-MC-02)
V.KARUPPUSAMY (23-MC-06)

Under the guidance of
Dr. M. RATHAMANI MCA., M.Phil., Ph.D.,
Associate Professor PG Department of Computer
Science(SF)

A project report submitted to
Nallamuthu gounder Mahalingam College
(Autonomous), (An ISO 9001 : 2015 Certified
Institution)

Re-Accredited by NAAC,

Pollachi – 642001.

Affiliated to Bharathiar university, Coimbatore,



In Partial fulfillment of the requirements for the award of the Degree of

MASTER OF COMPUTER SCIENCE

OCTOBER-2024

CERTIFICATE – I

This is to certify that the project work entitled “CUSTOMER RELATIONSHIP MANAGEMENT” is a bonafide record of the work done by **M.GOKULKRISHNAN (23-MC-02), V.KARUPPUSAMY(23-MC-06)** doing II Msc, Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc. Computer Science under my supervision.

M. Pan 29/10/24

GUIDE

M. Pan
HEAD OF THE DEPARTMENT
Dr. ALSAKTHI M.Sc., M.Phil., Ph.D.,
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This is to certify that this is a bonafide record of the work submitted by

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REG NO : 23-MC-02, 23-MC-06

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SUBJECT CODE :23PCS3P1

For External Viva-voce examination held on 29.10.2024

M. Pan 29/10/24

INTERNAL EXAMINER

D.R. Rajalakshmi 29.10.24.

EXTERNAL EXAMINER

(D. RAJALAKSHMI)

CERTIFICATE – II

This is to certify that the project work entitled as “CUSTOMER RELATIONSHIP MANAGEMENT” is the original work done by M.GOKULKRISHNAN (23-MC-02) , V.KARUPPUSAMY (23-MC-06) under the guidance of me .

Date : 29.10.2024

Place : Dindigul

M. Rathamani 29/10/24

Signature of the Guide

Dr.M.RATHAMANI MCA., M.Phil., Ph.D

CERTIFICATE – III

This is to certify that the project work entitled as “CUSTOMER RELATIONSHIP MANAGEMENT” is the original work done by us under the guidance of Dr.M.SAKTHI MSc., M.Phil., Ph.D.

Date : 29.10.2024

Place : Pondicherry

M. Gokulkrishnan V. Karuppasamy

Signature of the Candidate

M.GOKULKRISHNAN (23MC-02)

V.KARUPPUSAMY (23-MC-06)

CERTIFICATE – I

This is to certify that the project work entitled “**DOCTOR APPOINTMENT MANAGEMENT SYSTEM**” is a bonafide record of the work done by **M.RAMU (23-MC-12)**, **M.SOUNDAR SARAN (23-MC-16)** doing II Msc, Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc. Computer Science under my supervision.


GUIDE


HEAD OF THE DEPARTMENT

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Associate Professor & Head
Department of Computer Science
NGM College, Pollachi - 642 001.

This is to certify that this is a bonafide record of the work submitted by

NAME : M.RAMU , M.SOUNDAR SARAN

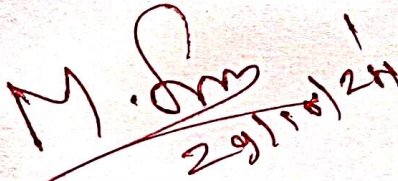
REG NO : 23-MC-12 , 23-MC-16

SUBJECT TITLE : PILOT PROJECT - 1

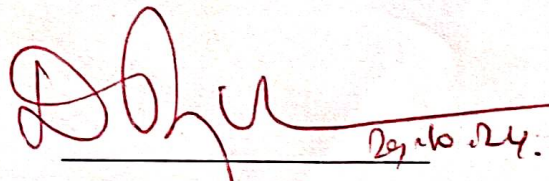
SUBJECT CODE : 23PCS3P1

For External Viva-voce examination held on

29-10-2024


29/10/24

INTERNAL EXAMINER


29.10.24.

EXTERNAL EXAMINER

(D. RAJAKUMAR)

CERTIFICATE – II

This is to certify that the project work entitled as “DOCTOR APPOINTMENT MANAGEMENT SYSTEM” is the original work done by M.RAMU (23-MC-12) , M.SOUNDAR SARAN (23-MC-16) under the guidance of me .

Date : 29-10-2024

Place : pollachi



Signature of the Guide
Dr.M.SAKTHI MSc., M.Phil., Ph.D

CERTIFICATE – III

This is to certify that the project work entitled as “**DOCTOR APPOINTMENT MANAGEMENT SYSTEM**” is the original work done by us under the guidance of **Dr.M.SAKTHI MSc., M.Phil., Ph.D.**

Date : 29-10-2024
Place : pollachi

m. Ramu
M. S. k.
M.RAMU (23-MC-12)
M.SOUNDAR SARAN (23-MC-16)

**E-AGRI MARKETING
PILOT PROJECT REPORT**

Submitted by

G.Revathi (23-MC-33)

Under the guidance of

Dr. M. Sakthi, M.Sc., M.Phil., Ph.D.,

Associate Professor and Head,

PG Department of Computer Science

A Project report submitted to

Nallamuthu Gounder Mahalingam College (Autonomous),

Affiliated to Bharathiar University, Coimbatore.



In partial fulfillment of the requirements for the award of the Degree of

MASTER OF COMPUTER SCIENCE

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

(AUTONOMOUS)

(An ISO 9001:2015 Certified Institution)

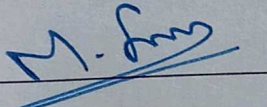
(Re-Accredited by NAAC)

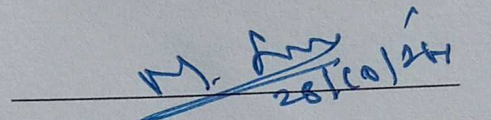
Pollachi-642 001

October-2024

CERTIFICATE – I

This is to certify that the project work entitled as “E-AGRI MARKETING” is a bonafide record of the work done by **G.Revathi (23-MC-33)** doing II-M.Sc Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc Computer Science under my supervision.


GUIDE

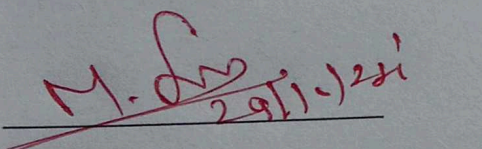

HEAD OF THE DEPARTMENT

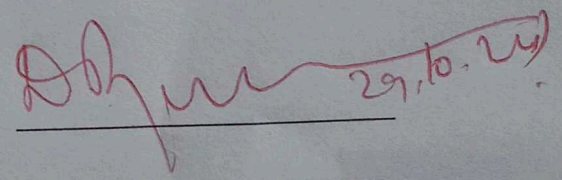
Dr. M. SAKTHI, M.Sc., M.Phil., Ph.D.
Associate Professor & Head
PG Department of Computer Science
NMG College, Pollachi - 642 001.

This to certify that this is a bonafide record of the work submitted by

NAME : G.Revathi
REG NO : 23-MC-33
SUBJECT TITLE : PILOT PROJECT- 1
SUBJECT CODE : 23PCS3P1

For External Viva-voce examination held on .. 29/10/2024


INTERNAL EXAMINER
(Dr. M. SAKTHI)

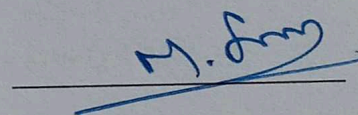

EXTERNAL EXAMINER
(D. RAJALAKSHMI)

CERTIFICATE – II

This is to certify that the project work entitled as “**E-AGRI MARKETING**” is the original work done by **G.Revathi (23-MC-33)** under the guidance of me.

Date : 29/10/2024

Place : Pollachi

A handwritten signature in blue ink, appearing to read 'M. Sakthi', is written over a horizontal line.

Signature of the Guide

(Dr.SAKTHI)

CERTIFICATE – III

This is to certify that the project work entitled as “**E-AGRI MARKETING**” is the original work done by me under the guidance of **Dr. M. Sakthi, M.Sc., M.Phil., Ph.D.,**

Date : 29/10/2024

Place : Pollachi

Revathi.G.

G.Revathi (23-MC-33)

TO WHOMSOEVER IT MAY CONCERN

This is certified that **Ms.REVATHI G (Reg No: - 23-MC-33).**, doing II-year in **M.Sc (Computer Science).** Student of **Nallamuthu Gounder Mahalingam College.** had successfully completed the Project “**E-AGRI MARKETING**” in our esteemed concern from **JUL-2024 to OCT-2024.**

**MANAGER
CIRCLE TECHNOLOGY**

Nagaswamy.L.

DECLARATION

I hereby declare that the project work entitled “**E-AGRI MARKETING**” Submitted to “**NALLAMUTHU GOUNDER MAHALINGAM COLLEGE**” **POLLACHI**, Affiliated to Bharathiar University is a record of original work done by me during 2024 – 2025 under the supervision and guidance of **Dr. M. Sakthi, M.Sc., M.Phil., Ph.D.**, Associate Professor and Head, PG Department of Computer Science.

Date : 29/10/2024

Place : Pollachi

Revathi. G.

Signature of the Candidate

G.Revathi (23-MC-33)

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SYNOPSIS

The **E-AGRI MARKETING** system is designed to bridge the gap between agricultural product suppliers and consumers. With the rise in digital commerce, this platform empowers farmers and agro-consumers by providing a centralized online marketplace where they can purchase essential products with ease. The system caters to both consumers and administrators, with features to facilitate smooth transactions, manage product inventories, and track customer orders.

The project is an e-commerce platform dedicated to the agricultural industry. The system enables users to browse through a range of agro-products, create wishlists, and manage their shopping carts for a seamless purchasing experience. Users can register, log in, manage their profiles, track orders, and access order history. The admin panel provides complete control over product listings, orders, and user management, ensuring that the platform operates efficiently.

This online shopping platform is beneficial for farmers and agro-businesses who need easy access to a wide range of products from reliable suppliers. It simplifies the procurement process for essential agricultural supplies, allowing for increased productivity and convenience.

1. INTRODUCTION

1.1 OVERVIEW OF THE PROJECT

For several years, farmers in India have had little liberty in choosing markets and purchasers for their produce. All states in the country, except three, decree that marketing and selling of farm produce must be directed through state-owned man, retail markets where mediators (middlemen) crush farmers to increase margins. According to research, mediators have become dominating buyers of the agricultural markets resulting them to take control over the plight of the farmers and gulping all the profits. The farmers work day and night expecting a good yield. They use a lot of financial resources lending money and buying fertilizers, seeds etc. So, they have the right to enjoy every rupee gained on their crop. In this context, we propose a system which brings farmers close to the retailers cutting the middlemen. The middlemen usually take up to 70% of the profits of farmers leaving them helpless. Our system consists of a mobile or web application which will serve as a platform for farmer the growers and retailers or customers to sell and buy their farm products. This system aims at giving a profitable price to farmers to their farm products cutting the middlemen. This allows the retailers or the customers to buy products from the farmers at a lower than the normal price.

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.

1.2 DESCRIPTION OF THE MODULES:

ADMIN

It's an E-AGRI MARKETING web application that covers all the common functionality of a shopping web application. That is must required to sell any product online Let's see some key points.

- Admin will be the root user of the project who will be responsible to manage all the activity of Users or customers.
- Users can view the product and perform search and filter data according to the categories or needs.

CATEGORY

The category module displays the details about the electrical products and the other category for purchase shown in menu.

SUB CATEGORY

The sub category module displays the details about the electrical products and the other sub category for purchase shown in menu.

PRODUCT

This Module enables the user to add all the product. Available for sales in any online marketing websites. It includes product ID, name, rate, description.

MANAGE USER

- Customers can open the application on any browser.
- Users can view the product and book them according to their interests.
- It's using search and more and more feature to help the user to filter data according to their need.

USERS (LOGIN/ REGISTER)

This module is used for customer registration for participation in auction. Once the customer is registered he/she can use the same logon for all consequent auctions. It includes user id, customer name, mobile no, address, mail id etc.

SEARCH & SELECT MULTIPRODUCT

The user can search for various products and also select multiproduct from the list of collection.

ORDER

The online purchase module displays the details for products purchase and the payment for purchase shown in page.

ORDER TRACKING

The customer can track the ordered product.

PRODUCT REVIEW SUBMIT

It showcases to the user all the product reviews which enable the user to ascertain the real quality of the product and company before buying it.

1.3 SYSTEM SPECIFICATION

1.3.1 HARDWARE SPECIFICATION

Platform	:	Windows 10
System	:	Dual core processor
Ram	:	2 GB
Hard disk	:	250GB
Processor	:	Intel core i3

1.3.2 SOFTWARE SPECIFICATION

Front end	:	PHP
Backend	:	My SQL
Web Browser	:	Google Chrome, Browser
Software	:	XAMPP Server

1.4 SOFTWARE FEATURES

1.4.1 FRONT END

PHP

PHP is a powerful server-side scripting language for creating dynamic and interactive websites. PHP widely used free and efficient alternative to competitors such as Microsoft's ASP. PHP is perfectly suited for Web development and can be embedded directly into the HTML code. The PHP syntax is similar to perl and C.

PHP is open source that it is readily available and absolutely free. Stability, flexibility and speed are chief qualities that attract to choose PHP. PHP have multiple extensions and is extremely scalable.

SERVER-SIDE SCRIPTING

This server-side scripting is the most traditional and main target field for PHP. Programmer needs three things to make this work. Programmer need to run the web server, with a connected PHP installation. Programmer can access the PHP program output with a web browser, viewing the PHP page through the server.

COMMAND LINE SCRIPTING

Programmer can make a PHP script to run it without any server or browser. Programmers only need the PHP parser to use it this way. This type of usage is ideal for scripts regularly executed using cron or Task Scheduler (on Windows). These scripts can also be used for simple text processing tasks.

FEATURES OF PHP

- PHP runs on different platforms (Windows, Linux, UNIX, etc.)
- PHP is compatible with almost all servers used today.
- PHP is free to download from the official PHP resource.

1.4.2 BACK END

MYSQL

MYSQL is an open-source relational database management system (RDBMS), is developed, distributed and supported by MYSQL. MYSQL is a popular choice of database for use in web applications MYSQL can be scaled by deploying it on more powerful hardware, such as a multi-processor server with gigabytes of memory. MYSQL is easy to use, yet extremely powerful, secure, and scalable. And because of its small size and speed, it is the ideal database solution for Web sites.

MYSQL IS A DATABASE MANAGEMENT SYSTEM

A database is a structured collection of data. It may be anything from a simple shopping list to a picture gallery or the vast amount of information in a corporation network. To add, access and process data stored in a computer database we need a database management system such as MYSQL server. Since computers are very good at handling large amount of data, database management system plays a central role in computing.

MYSQL IS A RELATIONAL DATABASE MANAGEMENT SYSTEM

A relational database stores separate data in separate tables rather than putting all the data in one big storeroom. This adds speed and flexibility. The SQL part of "MYSQL" stands for "Structured Query Language". SQL is the most common standardize language used to access database and is defined by the ANSI/ISO SQL standard. The SQL standard has been evolving since 1986 and several versions exist.

MYSQLSOFTWARE IS OPEN SOURCE

Open source means that it is possible for anyone to use modify the software. Anybody can download the MYSQL software uses the GPL (GNU General Public License), to define what we may and may not use do with the software.

MYSQLSERVER WORKS IN CLIENT

The MYSQL database software is a client/server system that consists of a multi-threaded SQL server that supports different backend, several different client programs and libraries, administrative tools and a wide range of Application Programming Interface (APIs).

A large amount of contributed MYSQL software is available: Modern day websites seem to be relying more and more on compel the Structured Query Language is a very popular database language, and its standardization makes it easy to store, update and access data. One of the most powerful SQL servers out there is called MYSQL and surprisingly enough, it's free.

Some of the features of MYSQL include: Handles large databases, in the area of 50,000,000+records. No memory leaks. Tested with a commercial memory leakage detector (purify). A privilege and password system which is very flexible and secure, and which allows host-based verification. Passwords are secure since all password traffic when connecting the server is encrypted.

FEATURES OF MYSQL

CLIENT/SERVER ARCHITECTURE

MYSQL is a client/server system. There is a database server (MYSQL) and arbitrarily many clients (application programs), which communicate with the server. The clients can run on the same computer as the server or on another computer.

SQL COMPATIBILITY

As before said SQL is a standardized language for querying and updating data and for the administration of a database. Through the configuration setting sol-mode we can make the MYSQL server behave for the most part compatibly with various database systems.

STORED PROCEDURES

Stored procedures (SPs for short) are generally used to simplify steps such as inserting or deleting a data record.

TRIGGERS

Triggers are SQL commands that are automatically executed by the server in certain database operations INSERT, UPDATE, and DELETE, MYSQL has supported triggers.

REPLICATION

Replication allows the contents of a database to be copied (replicated) onto a number of computers to increase protection against system and to improve the speed of database queries.

PLATFORM INDEPENDENCE

MYSQL can be executed under a number of operating systems. The most important are Apple Macintosh OS X, Linux, Microsoft Windows, and the Unix.

SPEED

MYSQL is considered a very fast database program.

2. SYSTEM STUDY

2.1 EXISTING SYSTEM

The “**E-AGRI MARKETING**” is developed according the current need in different Fields. This is E-Agri marketing. which provides facility for purchasing agricultural items. So by using this E-Agri marketing users which want to purchase some products will first register an account on this portal then Login through their Username and Password, and then select items which they want to purchase and add them to cart and finally checkout by giving payment details. So by using this portal users can easily purchase products from their home.

2.1.1 DRAWBACKS OF EXISTING SYSTEM

- There is no computer system for handling payments. All calculations are performed manually which may not always be accurate. Maintaining records is difficult.
- In the existing system all transactions, dealings of products, purchasing of products were done manually which is time consuming.
- Reports are prepared manually as and when needed. Maintaining of reports is tedious task.

2.2 PROPOSED SYSTEM

- System is providing platform such as android or web app wherein farmer can sell his crop products at different layer of marketing chain (market, merchant or end user) with multiple option. This platform will help farmers to find out nearest markets, its current stock details and its demand for particular product within less time & with less effort. This analysis will thereby help to determine which market will be more profitable for his crop/product.
- Farmers can use this facility and can learn how it is possible and how they can use e-farming to sell their products. This application will act as unique and secure way to perform agro-marketing .The system allows farmers to sell their stock directly as a direct supplier throughout the country without any middlemen so that, farmer earns optimum rates for his stock and also the customer gets it at lowered costs. This will also eliminate the food grains mafia that stores these products in own warehouses in order to increase demand and thus rates of the products, so that it can later be sold at higher profits.

2.2.1 ADVANTAGES OF PROPOSED SYSTEM

- This application converts whole offline manual system to online.
- Seller or Farmer can sell their product online with ease.
- Farmer/Seller will get the exact price from the buyer, which leads to good profit.
- Retailer will get all the products at one place and can purchase a product of their choice.
- This system reduces the search time to a great extent.
- The system allows placing order for more than one item

3. SYSTEM DESIGN AND DEVELOPMENT

3.1 INPUT DESIGN

Input Design is one of the most expensive phases of the operation of computerized system and is often the major problem of a system. A large number of problems with a system can usually be tracked back to fault input design and method. Needless to say, therefore, that the input data is the life blood of a system and have to be analyzed and designed with utmost care and consideration. The decisions made during the input designer. The data, which is input to a computer – based information system, must be correct. If data is carelessly input and errors enter the system, it will lead to incorrect results whose consequences will be expensive and embarrassing to the designer. In data processing, the data entry operator often makes errors. This can be controlled by input design by using menu, interactive dialogue, consistent format etc.

In this system the users are provided with user friendly pages to give the input and if the user gives any wrong input validations are done and message boxes are provided in the necessary places. The message specified in the message box is specified in a polite and in an informative manner.

System is interactive dialogue, which simplifies the data entry or access, instead of remembering what to enter. User can choose from a list of options and type it in the cursor position. This will reduce the number of corrections while entering the data

❖ **ADMIN LOGIN FORM**

Login or entry available to the user of a discussion forum or website with special rights to control or restrict the activity of other users. (Ref Fig2)

❖ **ADMIN CHANGE PASSWORD FORM**

If you are using a third-party load balancer for Siebel Server load balancing, then make sure load-balancer administration passwords are set. (Ref Fig 2.1)

❖ **CREATE CATEGORY FORM**

Choose create Category. Enter a name for the Category and description of the category. The new Category will be added to the form (Ref Fig 2.4)

❖ **CREATE SUBCATEGORY FORM**

Select Category and click sub category form. Enter a name for the sub category. Click create button. The new sub Category will be added to the form (Ref Fig 2.6)

❖ **INSERT PRODUCT FORM**

Select category and sub category .Enter product name ,product company, product price before discount and after discount, product description, shipping charge. Click product is In stock or Out of stock .Insert the three images for product. At last click Insert.(Ref Fig 2.8)

❖ **USER REGISTER FORM**

A registration form is a list of fields that a user will input data into and submit to a Website for login into the website for further.(Ref Fig3)

❖ **USER LOGIN PAGE**

A login form utilizes the credentials of a user, in order to authenticate their access. It generally consists of the typical username or email and password. (Ref Fig 3.2)

3.2 DATABASE DESIGN

The database design involves creation of tables that are represented in physical database as stored files. They have their own existence. Each table constitute of rows and columns where each row can be viewed as record that consists of related information and column can be viewed as field of data of same type. The table is also designed with some position can have a null value.

The database design of project is designed in such a way values are kept without redundancy and with normalized format. Refer the appendix for screen shots of database design

3.2.1 TABLE DESIGN

Table Name : admin_details

Description : This table is to store the admin login Details.

Primary key : a_id

Field	Type	Description
a_id	Varchar(11)	Denote Admin Identification
a_name	Varchar(10)	Specifies the User name
Pwd	Varchar(10)	Password

Table Name : user_detail

Description : This table is to store the user Details.

Primary key : u_id

Field	Type	Description
u_id	Varchar(11)	Denote user Identification
u_name	Varchar(10)	Specifies the Name
e_id	Varchar(25)	Email Identification
ct_no	Varchar(10)	Contact no
Pwd	Varchar(10)	Password
Addr	Text(30)	Address

Table Name : Product_Detail

Description : This table is to store the product Details.

Primary key : pro_id

Field	Type	Description
pro_id	Varchar(11)	Denote Product Identification
b_name	Varchar(10)	Specifies the Brands Name
m_l	Varchar(10)	Brands model
pro_name	Varchar(10)	Product Name
pro_pri	Int(09)	Product Price
pro_pri_bef	Int(09)	Product Price Before Discount
Prodes	Text (50)	Description of Products
pro_img1	Image	Product Image1
pro_img2	Image	Product Image2
pro_img3	Image	Product Image3
Charge	Int(10)	Charge
pro_ava	Varchar(10)	Product Availability

Table Name : Order_Detail

Description : This table is to store the Order Details.

Primary key : Order_id

Field	Type	Description
Order_id	Varchar(11)	Denote Order Identification
u_id	Int(11)	User Identification
pro_id	Varchar(11)	Product Identification
Qty	Int(09)	Quantity
order_date	Date / Time	Order Date
pay_m	Varchar(5)	Payment Method
order_status	Varchar(5)	Order Status

Table Name : Order_history_Detail

Description : This table is to store the Order track history Details.

Foreign key : Order_id

Field	Type	Description
Order_id	Varchar(11)	Denote Order Identification
Status	Varchar(25)	Status
Remark	Mediumtext	Remark
PostingDate	Timestamp	Posting Date

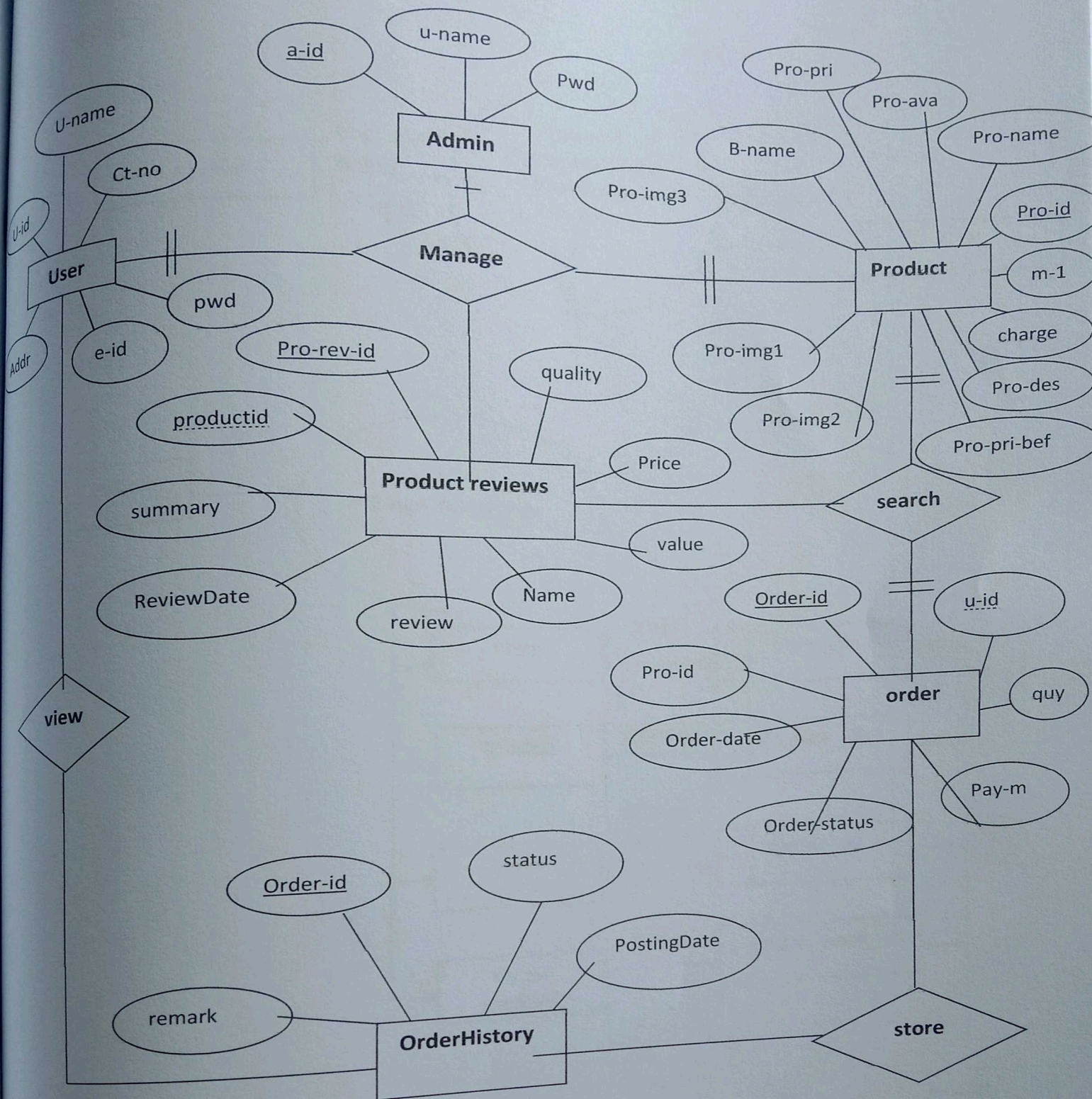
Table Name : Product_reviews_Detail

Description : This table is to store the Product reviews Details.

Primary key : pro_rev_id

Field	Type	Description
pro_rev_id	Varchar (11)	Denote reviewsIdentification
ProductId	Varchar (11)	Product Identification
Quality	Varchar (03)	Quality
Price	Int(10)	Price
Value	Date / Time	Value
Name	Varchar(20)	Name
Summary	Varchar(50)	Summary
Review	Varchar(30)	Review
ReviewDate	Date / time	Review Date

3.2.2 ENTITY RELATIONSHIP DIAGRAM

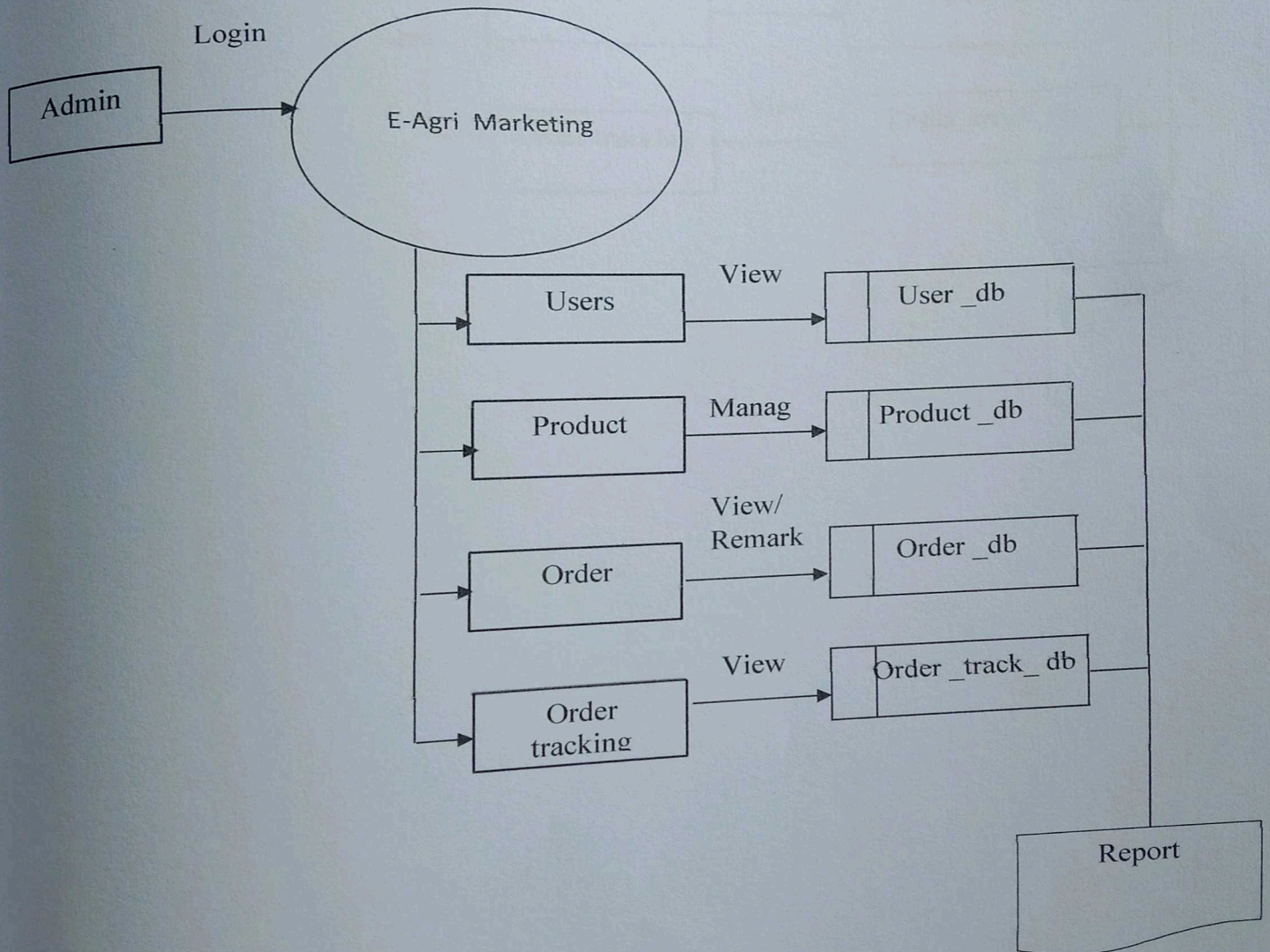


3.3 DATA FLOW DIAGRAM

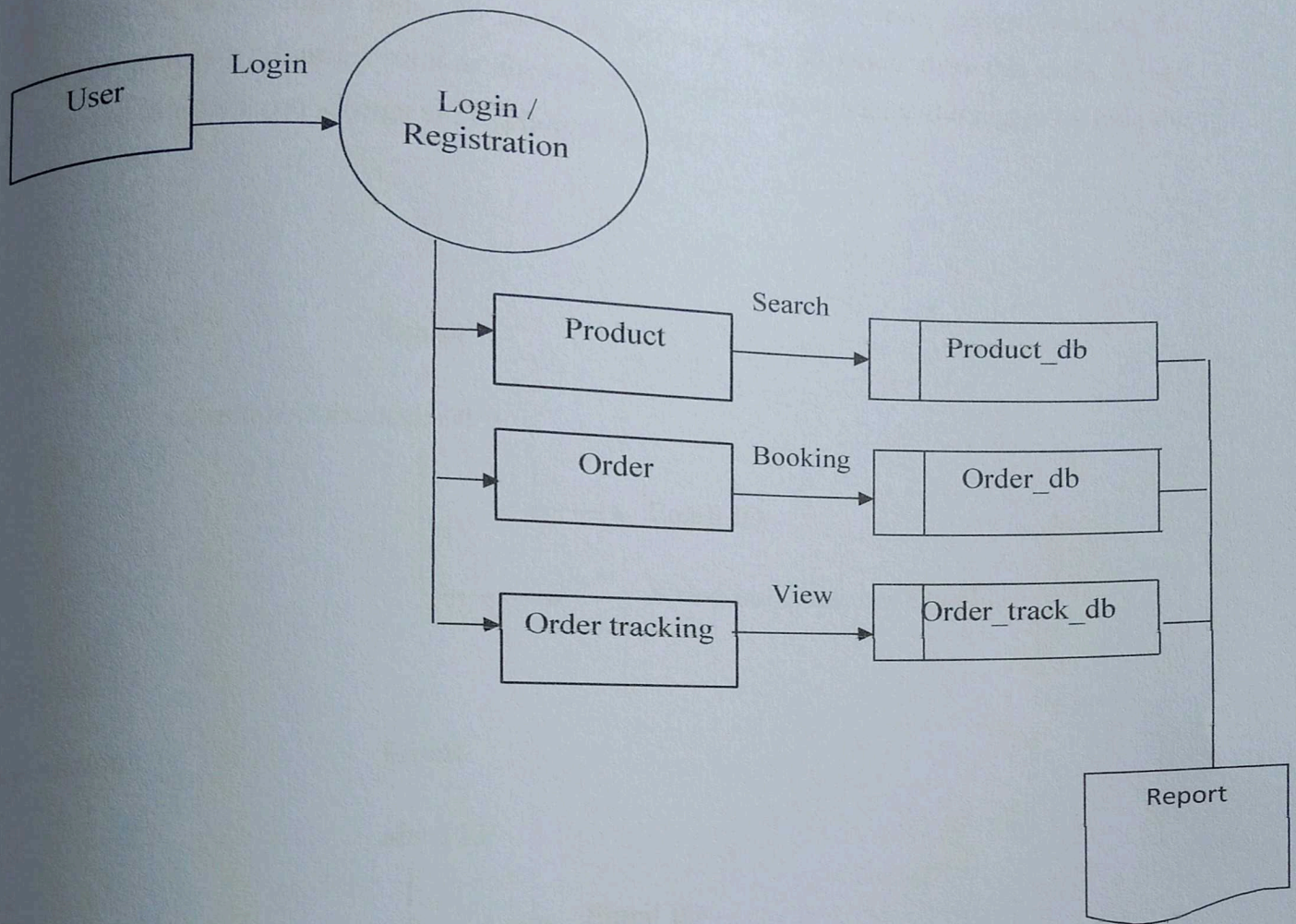
LEVEL 0



LEVEL 1



LEVEL 2



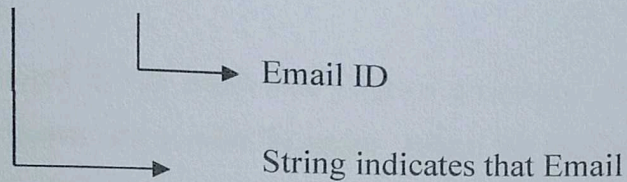
3.4 CODE DESIGN

The code design is to show the all of project process. Code design contains the table's primary key details only. In case the primary key is email then the code design follows the structure of email such as abc@domain.com. Any strings and integers include the email id, the integers and strings are explain separately.

1. Registration

Email

XXXXXXXXXXXXXXXXXX 999

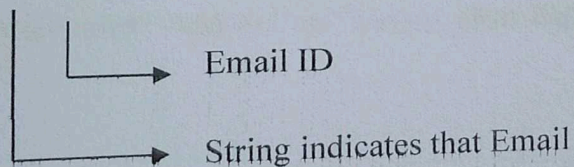


Example:

Registration

Email

abc 123



3.5 OUTPUT DESIGN

The output design must be in such a way the user must be able to understand the given details. So each detail given in the output should have some meaning in displaying the data. The output design is displayed in the form of data view.

Output Design generally refers to the results and information's that are generated by the system for many end-users, output is the main reason for developing the system and the basis on which they evaluate the usefulness of the application. The objective of a system finds its shape in terms of the output. The analysis of the objective of a system leads to determination of outputs.

❖ HOME PAGE

A home page (or homepage) is the main web page of a website. The term may also refer to the start page shown in a web browser, when the application first opens. Usually, the home page is located at the root of the website's domain or sub domain. (Ref Fig1)

❖ PRODUCT VIEW PAGE

Product pages are web pages designed to sell products online. They typically include an image, description, price, and "Add to Cart" button. (Ref Fig1.2)

4.SYSTEM TESTING AND IMPLEMENTATION

4.1SYSTEM TESTING

TESTING METHODOLOGY

System testing is actually a series of different tests whose primary purpose is to fully exercise the computer-based system. System testing is the state of implementation that is aimed at assuring that the system works accurately and efficiently. Testing is the vital to the success of the system. System testing makes the logical assumption that if all the parts of the system are correct, the goal will be successfully achieved.

The objective of testing is as follows:

- Testing is the process of executing a program with the intention of finding an error.
- A successful test is that one of the cover of undiscovered error.

UNIT TESTING

Unit resting focuses on the verification efforts on the smallest unit of software design, the module. This is also known as “Module Testing”. The modules are tested separately. This testing is carried out during programming stage itself. In this testing each module is found to be working satisfactory as regard to the expected output from the module.

VALIDATION TESTING

Here in the validation testing we want to check whether the given conditions to the text box are working correctly. Because in the name place we want to enter the characters and the special symbols only we should not enter the numbers in the name field. Here while on runtime we entered numeric values in the string specified columns of product inwards. It raises error. In this phase each module has been tested by wrong inputs, for example Employee Name should be a character as well as their age should be in numbers.

INTEGRATION TESTING

Integration testing is a systematic testing for constructing the programs structure, while at the same time conducting the tests to uncover errors associated with in the interface. The objective is to take unit tested modules and build a program structure. Modules are combines and tested as a whole. Here correction is difficult because the cast experience of the entire program complicate the isolation cases. In this phase testing is done by how the system would interact with users and its User Interface flexibility.

4.1.1 TEST CASE

Test Cases Test No	Test Description	Test Procedure	Test Code	Expected Result	Actual Result
TC01	User Authentication	Enter invalid register and login	<pre> <i class="fa fa- user"></i>Register <i class="fa fa- lock"></i>Log In</ li> Else msgbox"invalid user" End if </pre>	Display blog	Access Denied
TC02	User Authentication	Enter valid register and login	<pre> <i class="fa fa- user"></i>Register <i class="fa fa- lock"></i>Log In</ li> Else msgbox"valid user" End if </pre>	Display blog	Show blog

4.2 SYSTEM IMPLEMENTATION

The system implemented and conversion is completed, a review of system is usually conducted by users and analyst this is called post implementation review. The most fundamental concern post implementation review is determining the system has met its objective that is analyst want to know if the performance level of the system has improved and if the system is producing the result intended. If neither is happening, one may question whether the system can be considered successful. By using current system, all the requirements of all users are fulfilled. Security and authentication is maintained in both user level as well as the management level. The data is stored in is highly reliable and simpler to use, the user level security is managed with the help of password options and sessions, which finally ensures that all the transactions are made securely.

4.4 SYSTEM MAINTENANCE

The maintenance phase of the software life cycle is the time period in which a software product performs useful work. For maintaining this system properly the following points are to be followed strictly. The executable file of forms and reports are given to the end users. Also the backup should be taken in order to safe guard the system. Maintenance activities involve making enhancement to software products, adapting products to new environment and correction problems. Software product enhancement may involve providing new functional capabilities, improving use displays and modes of interaction, upgrading external documents and internal documentation or upgrading the performance characteristics of a system.

Adaptation of software to a new environment may involve moving software to a new environment, faces a lot of maintenance problems. Problem correction involves modification and revalidation of software to correct errors. Some errors require immediate attention and some others can be corrected on a scheduled, periodic basis, and others are known but never corrected. Therefore greater care should be taken in software development that leads to the production of maintainable systems.

5. CONCLUSION AND FUTURE ENHANCEMENTS

The project is developed with PHP and MYSQL as back end. The user friendly package is tested in various stages. The databases are tested from data file management and found to be highly reliable. The whole system is designed in such a manner that this system is to be simple one, that the user needs little amount of training to operate the system. The testing and validation of data management system is completed and the output of the system using the data and found to be highly accurate. A good amount of user-friendly features have been incorporated in the system. This makes the user to use the system perfectly. The proposed system is capable of understanding the deviation of positivity and negativity in the reviews and the ratings. The system is easy to use and implement. It can also track the users of same IP address thus preventing spreading of false information regarding the product.

SCOPE FOR FUTURE ENHANCEMENTS

The system does not contain any e-mail system within it. This system could be added for easy and faster communication. This Application does not also contain Video chat system. This can also be added in to the system. There is no scrap page available for the members in the community groups; this facility could also be added. There is no facility to add the photo for the members; this facility could also be added. By adding these facilities into system will strive to the better performance of the application. The restriction of requirement of product name in particular product review can be removed though it might be a tough task. The admin has to manually block the IP of the spammer account by identifying its pattern, automatic blocking can also be achieved in the future scope of the system.

6. BIBLIOGRAPHY

REFERENCE BOOKS

- **Matt Doyle**, Beginning PHP 5.3, Published by Wiley Publishing, Inc. 10475 Cross point Boulevard, Indianapolis, IN 46256.
- **Larry Ullman**, PHP and MYSQL for Dynamic Web Sites Fourth Edition, Peach pits Press, 1249 Eighth Street, Berkeley, CA 94710.
- **Luke Welling and Laura Thompson** PHP and MYSQL Web Development Second Edition, Same Publishing, 201 West 103rd Street, Indianapolis, Indiana 46290.
- **Rogers Pressman**, "Software Engineering and Applications", Galgotie Publications, Sixth Edition.
- **Andy Harris**, "PHP 5 / MySQL Programming for the Absolute Beginner", 1st edition, Cengage Learning PTR, 2004.

WEBSITES

- <http://www.php.net/manual/en/>
- https://www.w3schools.com/howto/howto_css_login_form.asp
- <https://www.tutorialpoint.com/mysql/index.htm>
- www.bootstrap.com
- www.mysql.com

7. APPENDIX

A) SAMPLE CODING

```
<?php
session_start();
error_reporting(0);
include("include/config.php");
if(isset($_POST['submit']))
{
$username=$_POST['username'];
$password=md5($_POST['password']);
$ret=mysqli_query($con,"SELECT * FROM admin WHERE
username='$username' and password='$password'");
$num=mysqli_fetch_array($ret);
if($num>0)
{
$extra="change-password.php";//
$_SESSION['alogin']=$_POST['username'];
$_SESSION['id']=$num['id'];
$host=$_SERVER['HTTP_HOST'];
$url=rtrim(dirname($_SERVER['PHP_SELF']),'\');
header("location:http://$host$url/$extra");
exit();
}
else
{
$_SESSION['errmsg']="Invalid username or password";
```



```

$extra="index.php";
$host = $_SERVER['HTTP_HOST'];
$uri = rtrim(dirname($_SERVER['PHP_SELF']),'/\');
header("location:http://$host$uri/$extra");
exit();
}
}
?>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Shopping Portal | Admin login</title>
<link type="text/css" href="bootstrap/css/bootstrap.min.css" rel="stylesheet">
<link type="text/css" href="bootstrap/css/bootstrap-responsive.min.css"
rel="stylesheet">
<link type="text/css" href="css/theme.css" rel="stylesheet">
<link type="text/css" href="images/icons/css/font-awesome.css"
rel="stylesheet">
<link type="text/css"
href='http://fonts.googleapis.com/css?family=Open+Sans:400italic,600italic,400,600' rel='stylesheet'>
</head>
<body>

<div class="navbar navbar-fixed-top">
<div class="navbar-inner">

```



```

<div class="container">
  <a class="btn btn-navbar" data-toggle="collapse" data-target=".navbar-inverse-collapse">
    <i class="icon-reorder shaded"></i>
  </a>
  <a class="brand" href="index.html">
    Shopping Portal | Admin
  </a>
  <div class="nav-collapse collapse navbar-inverse-collapse">
    <ul class="nav pull-right">
      <li><a href="http://localhost/shopping/">
        Back to Portal
      </a></li>
    </ul>
  </div><!-- /.nav-collapse -->
</div>
</div><!-- /navbar-inner -->
</div><!-- /navbar -->
<div class="wrapper">
  <div class="container">
    <div class="row">
      <div class="module module-login span4 offset4">
        <form class="form-vertical" method="post">
          <div class="module-head">
            <h3>Sign In</h3>
          </div>
          <span style="color:red;" ><?php echo htmlentities($_SESSION['errmsg']);
            ?><?php echo htmlentities($_SESSION['errmsg']="");?></span>
          <?php echo htmlentities($_SESSION['errmsg']="");?></div>

```



```

<div class="module-body">
<div class="control-group">
<div class="controls row-fluid">
<input class="span12" type="text" id="inputEmail" name="username"
placeholder="Username">
</div>
</div>
<div class="control-group">
<div class="controls row-fluid">
<input class="span12" type="password" id="inputPassword" name="password"
placeholder="Password">
<div class="module-foot">
<div class="control-group">
<div class="controls clearfix">
<button type="submit" class="btn btn-primary pull-right"
name="submit">Login</button>
</div><!--/.wrapper-->
<div class="footer">
<div class="container">
<b class="copyright">&copy; 2017 Shopping Portal </b> All rights reserved.
</div>
</div>
<script src="scripts/jquery-1.9.1.min.js" type="text/javascript"></script>
<script src="scripts/jquery-ui-1.10.1.custom.min.js"
type="text/javascript"></script>
<script src="bootstrap/js/bootstrap.min.js" type="text/javascript"></script>
</body>

```


B) SAMPLE SCREEN AND REPORT

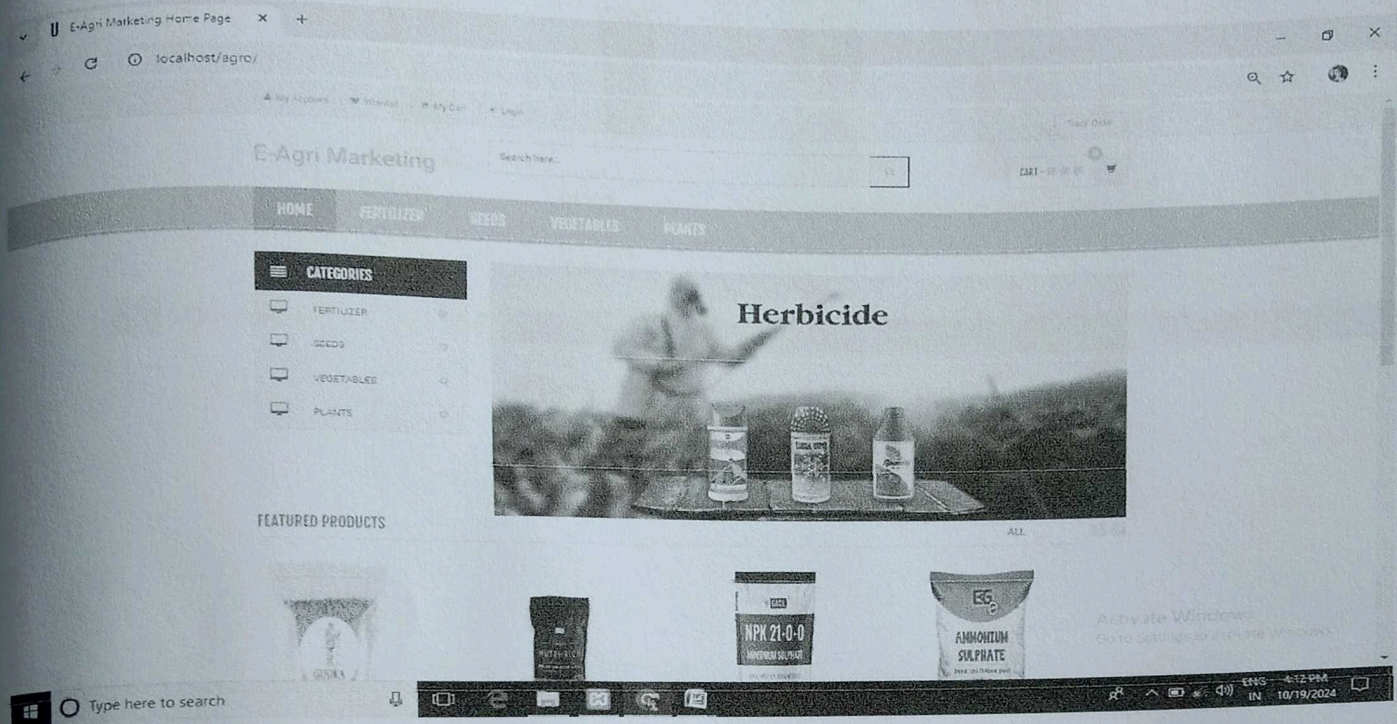


Fig 1 Home page

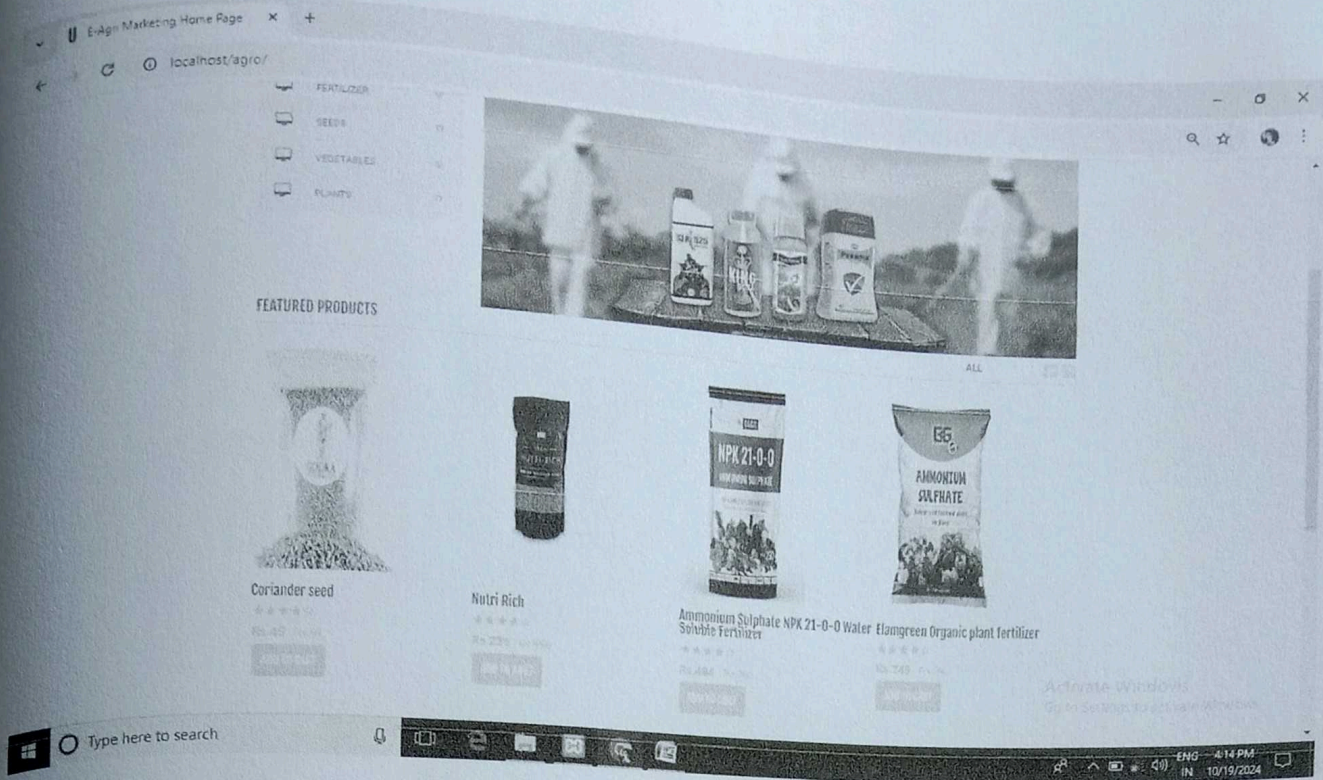


Fig 1.1 Product View Page

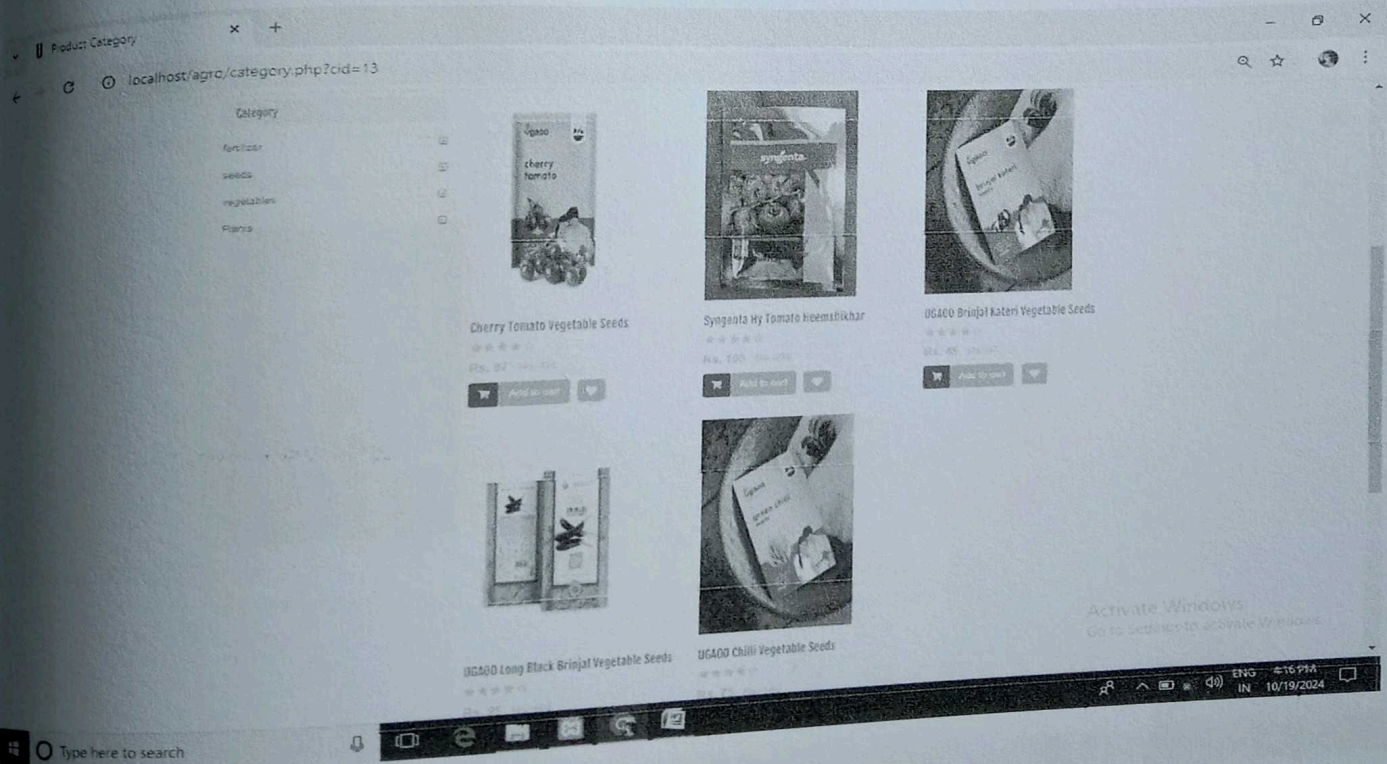


Fig 1.2 Another Product View Page

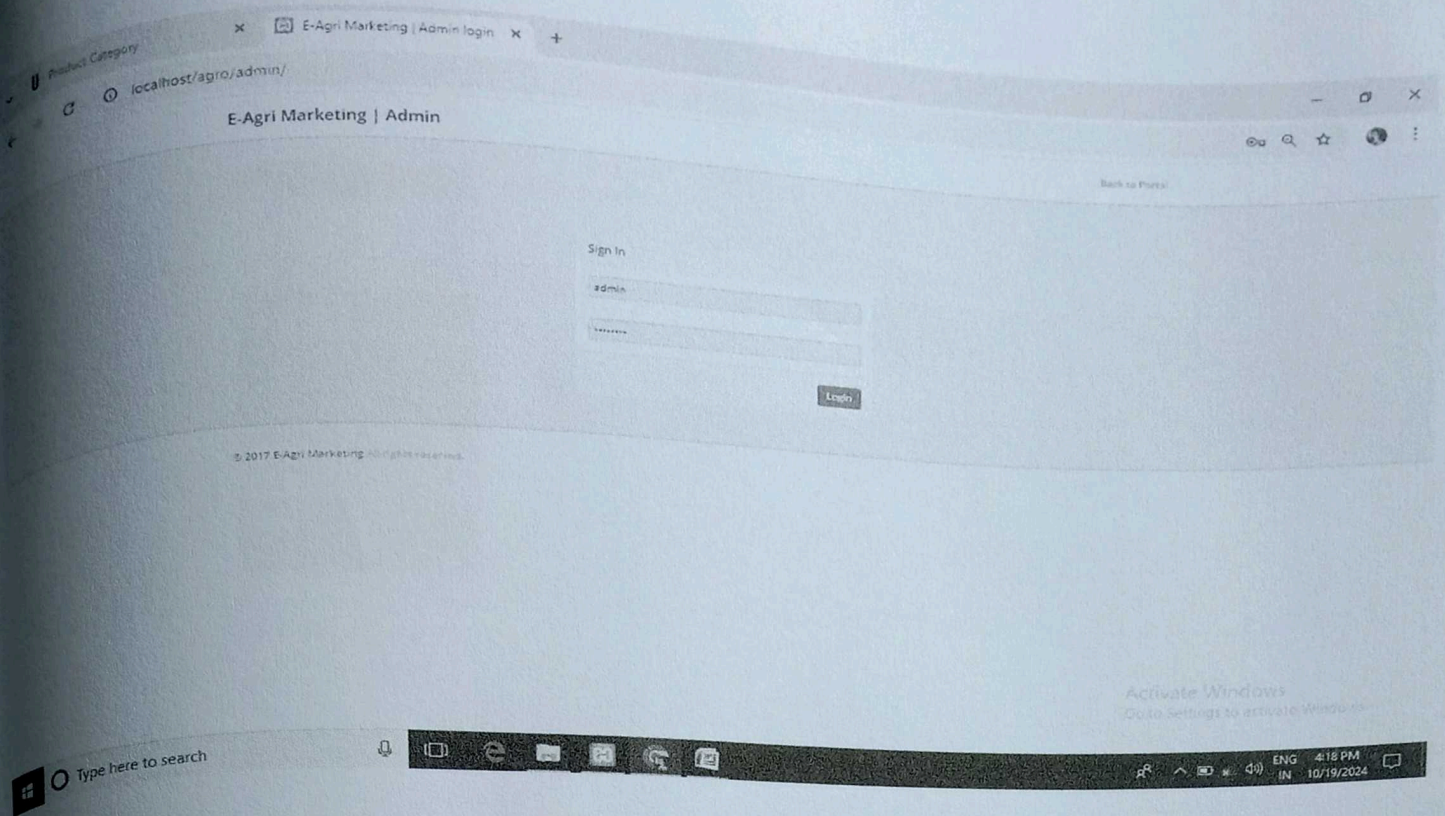


Fig 2 Admin Login Page

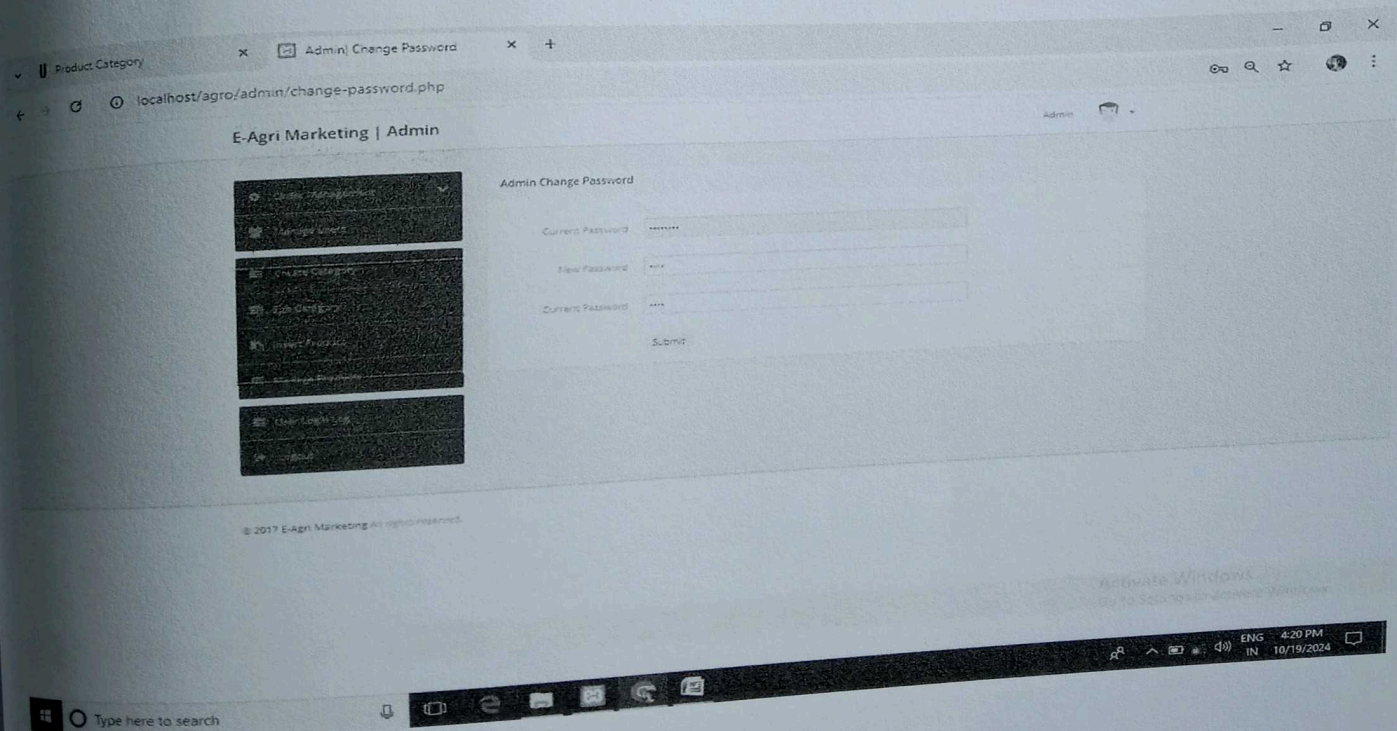


Fig 2.1 Admin Change Password

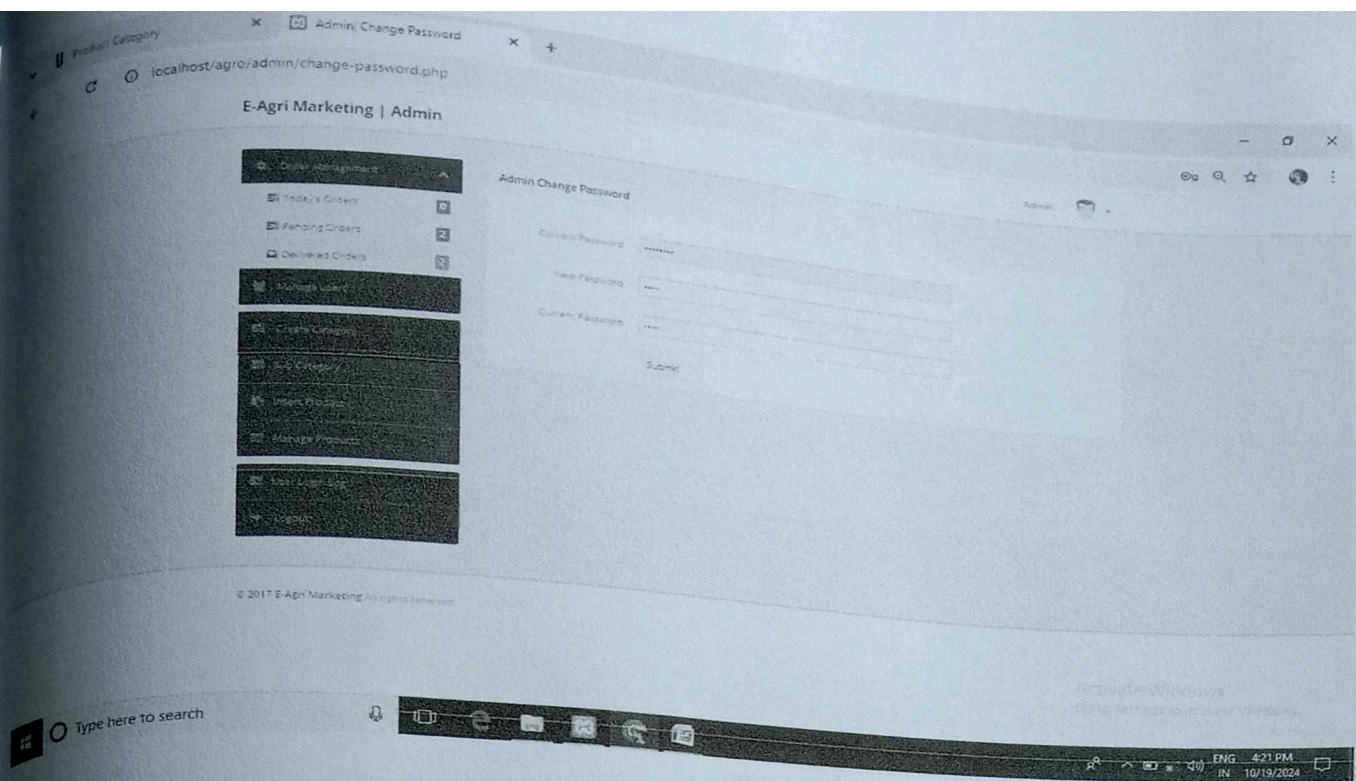


Fig 2.2 Admin Order Management

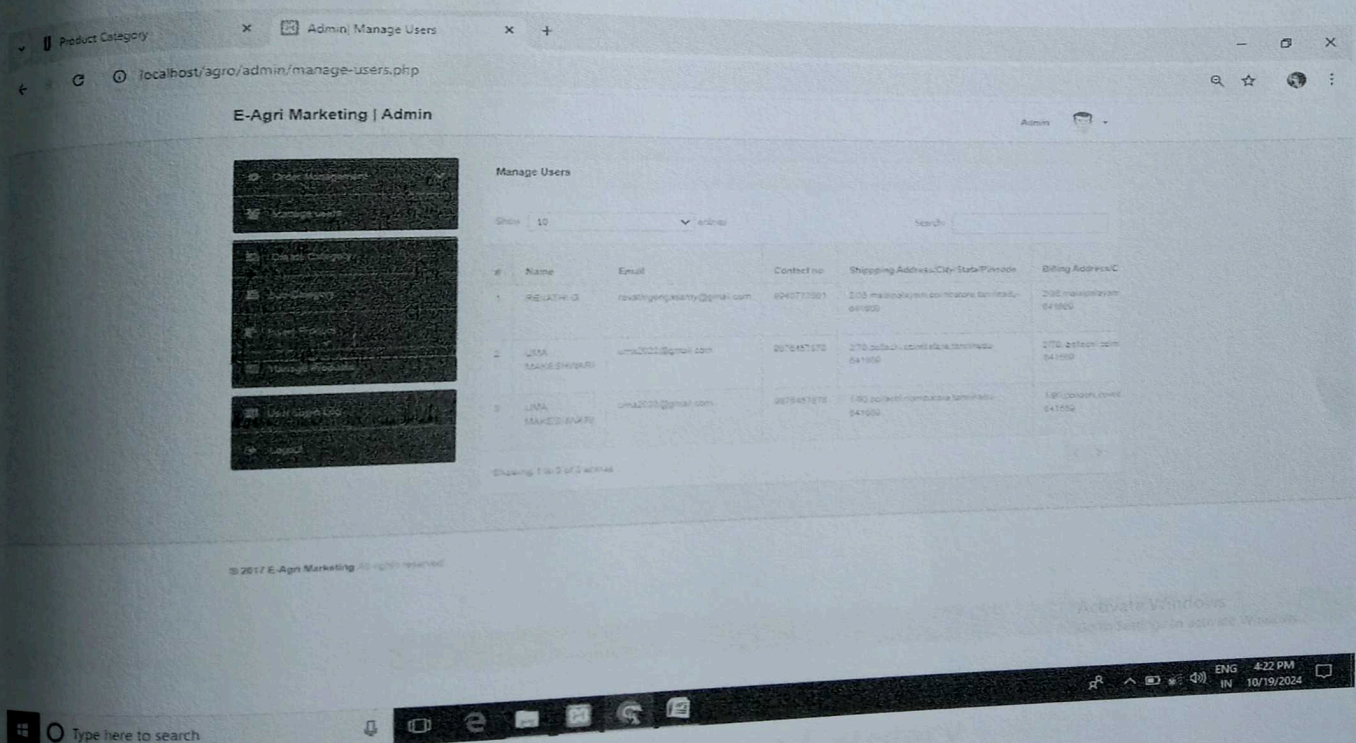


Fig 2.3 Mange User

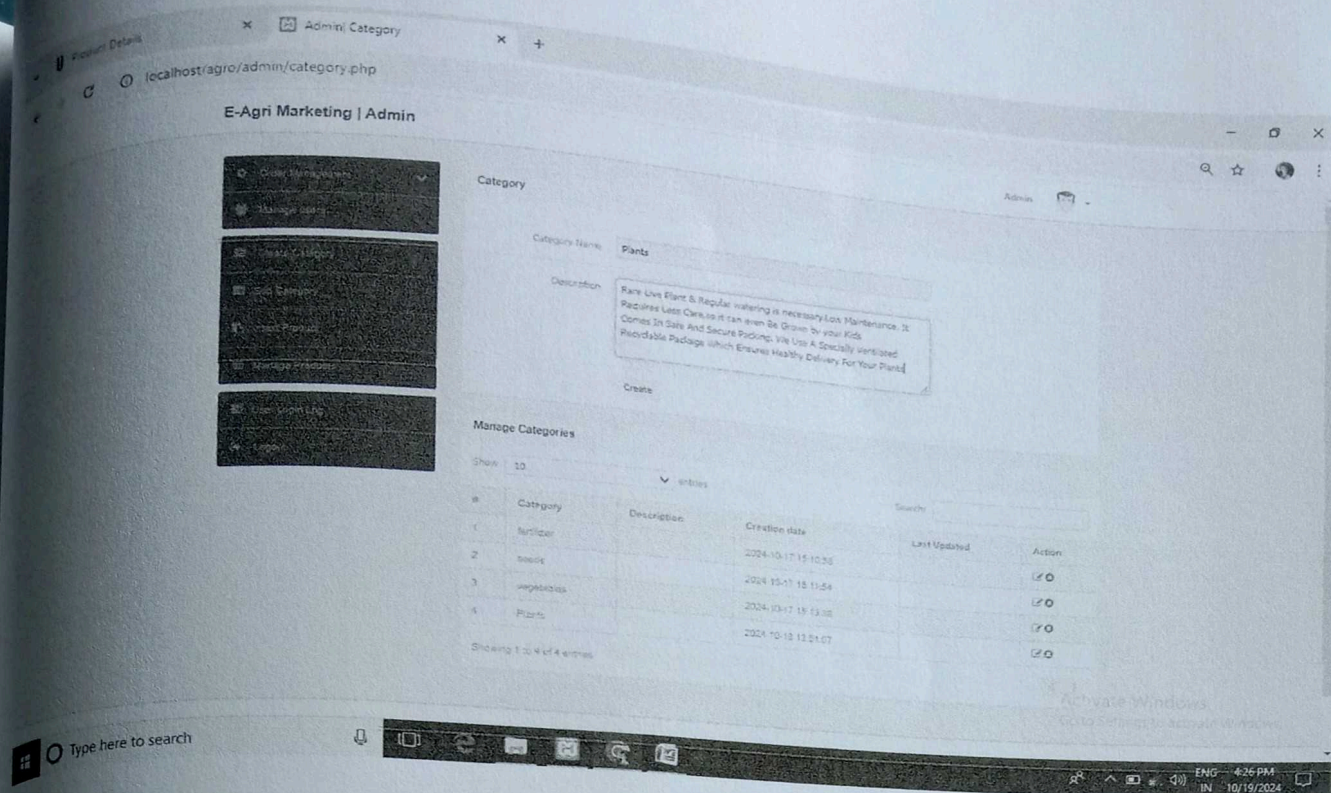


Fig 2.4 Create Category

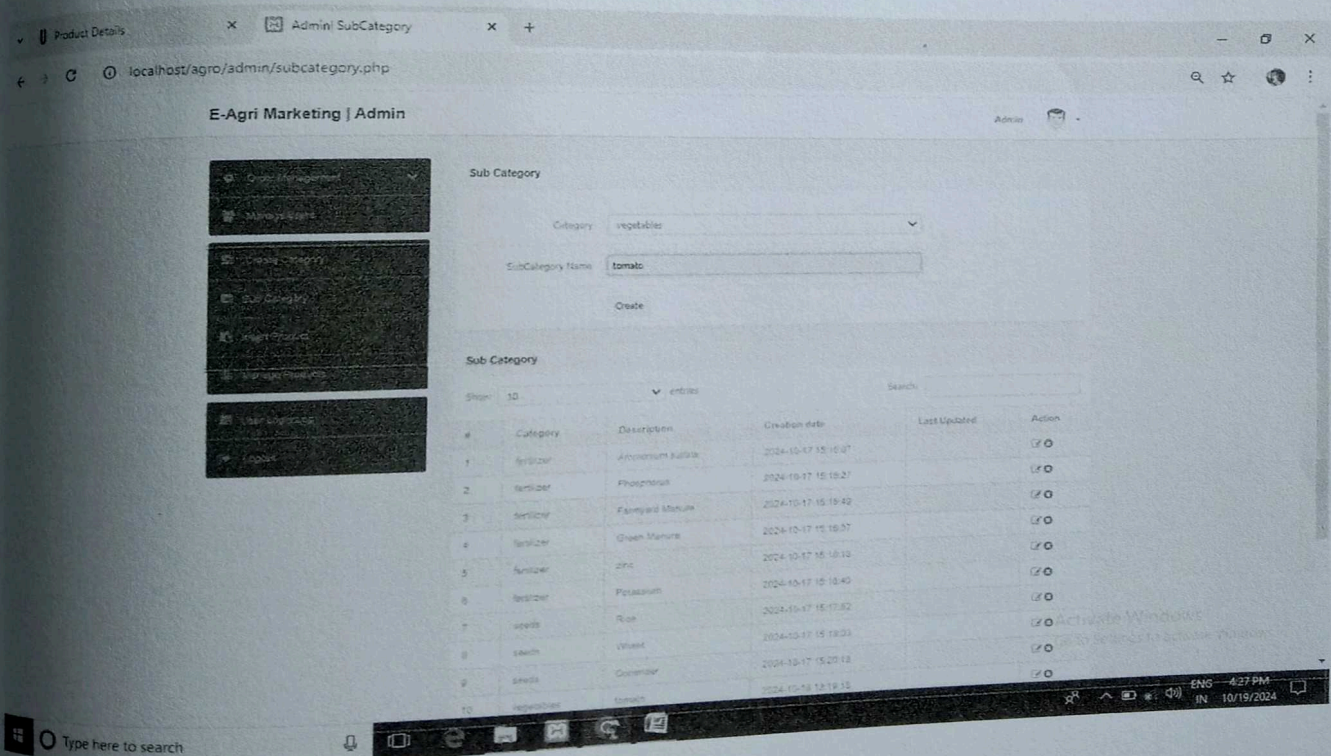


Fig 2.5 Create Sub Category

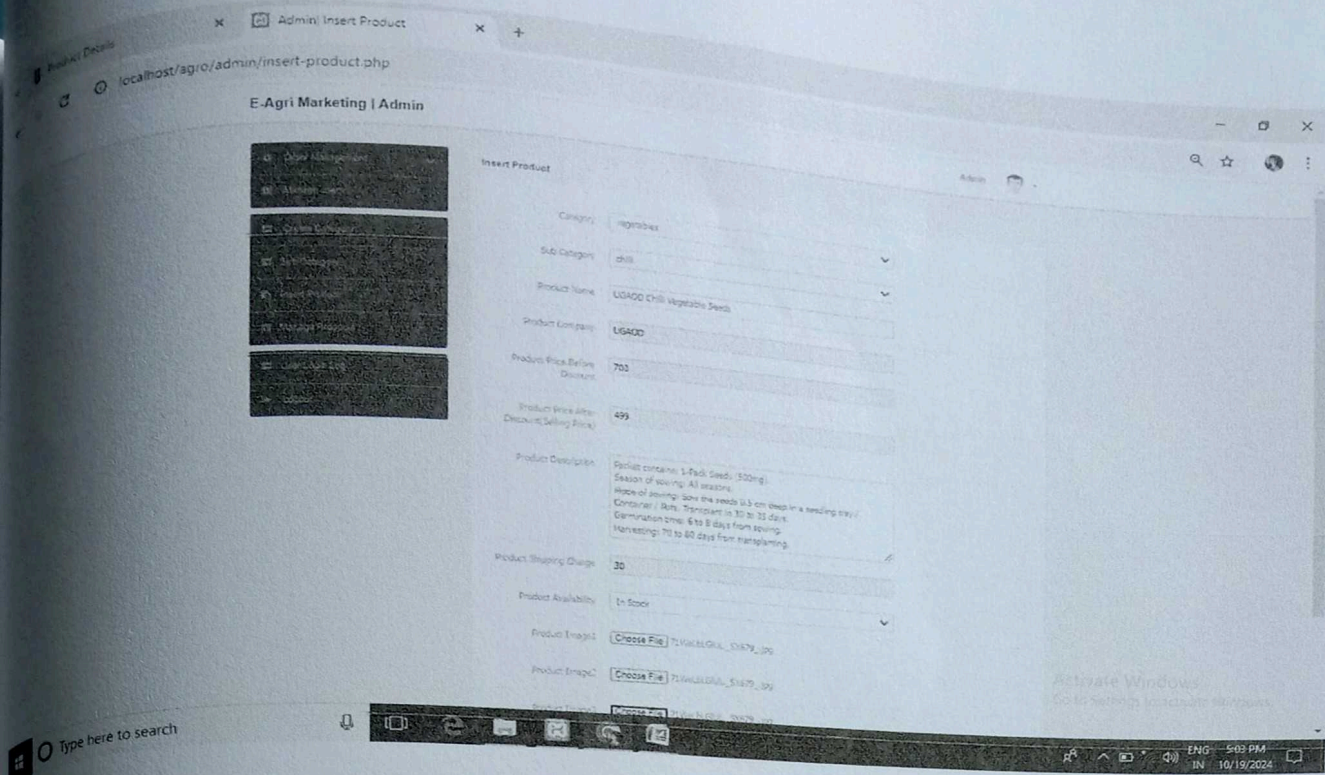


Fig 2.6 Insert Product

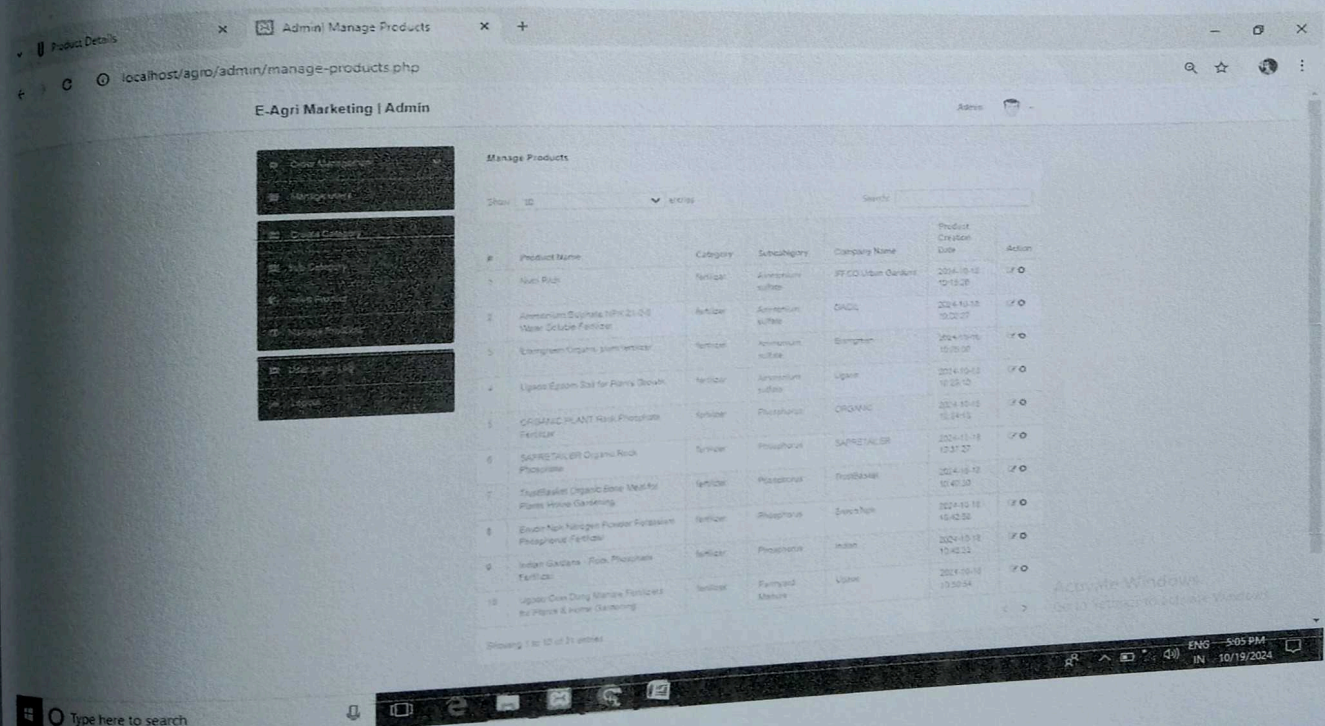


Fig 2.7 Manage Product

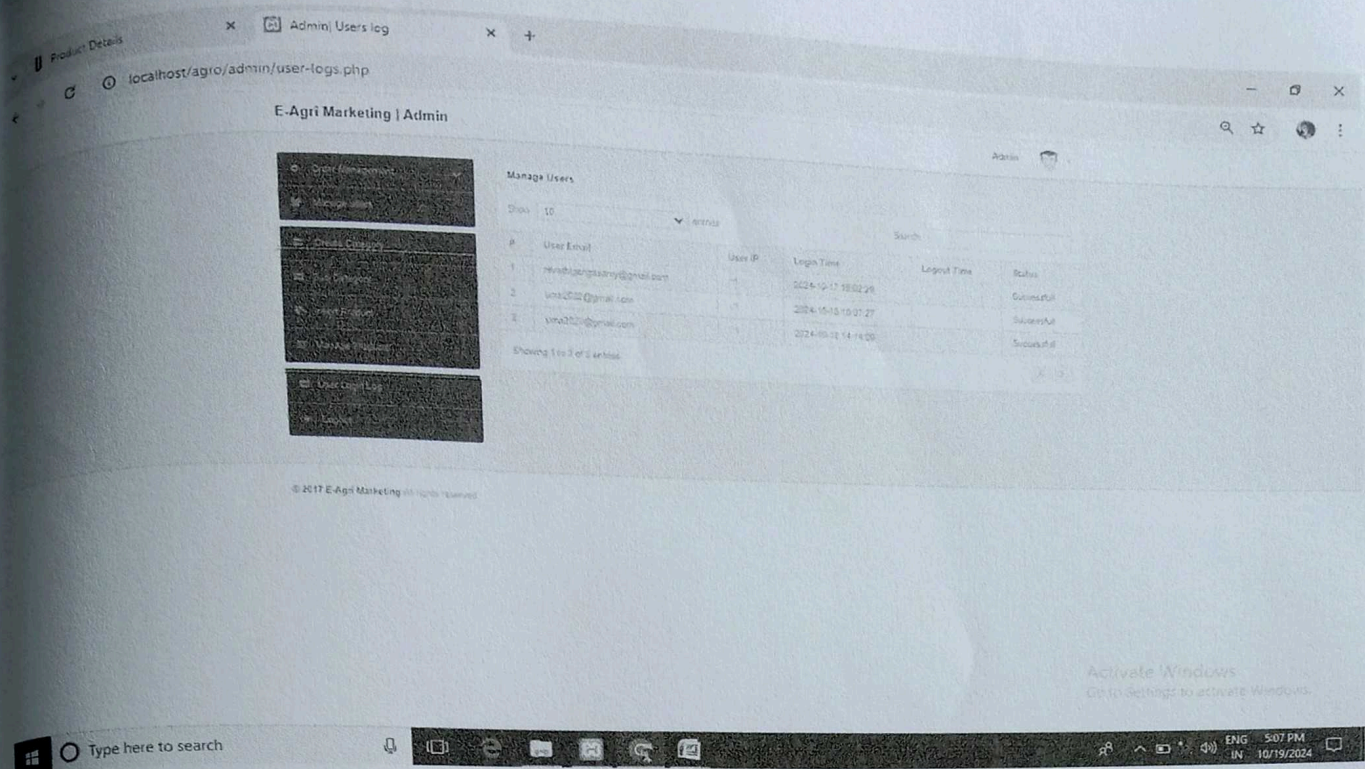


Fig 2.8 Manage Users

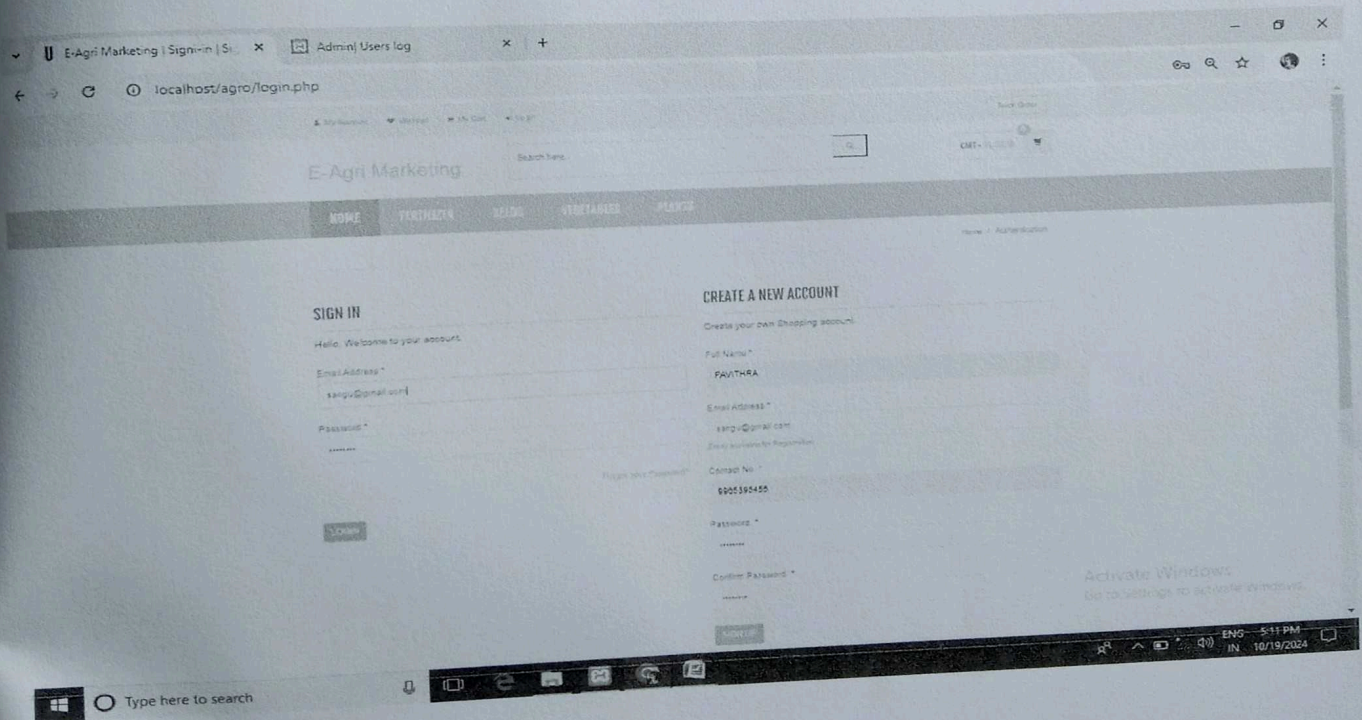


Fig 3 User Register

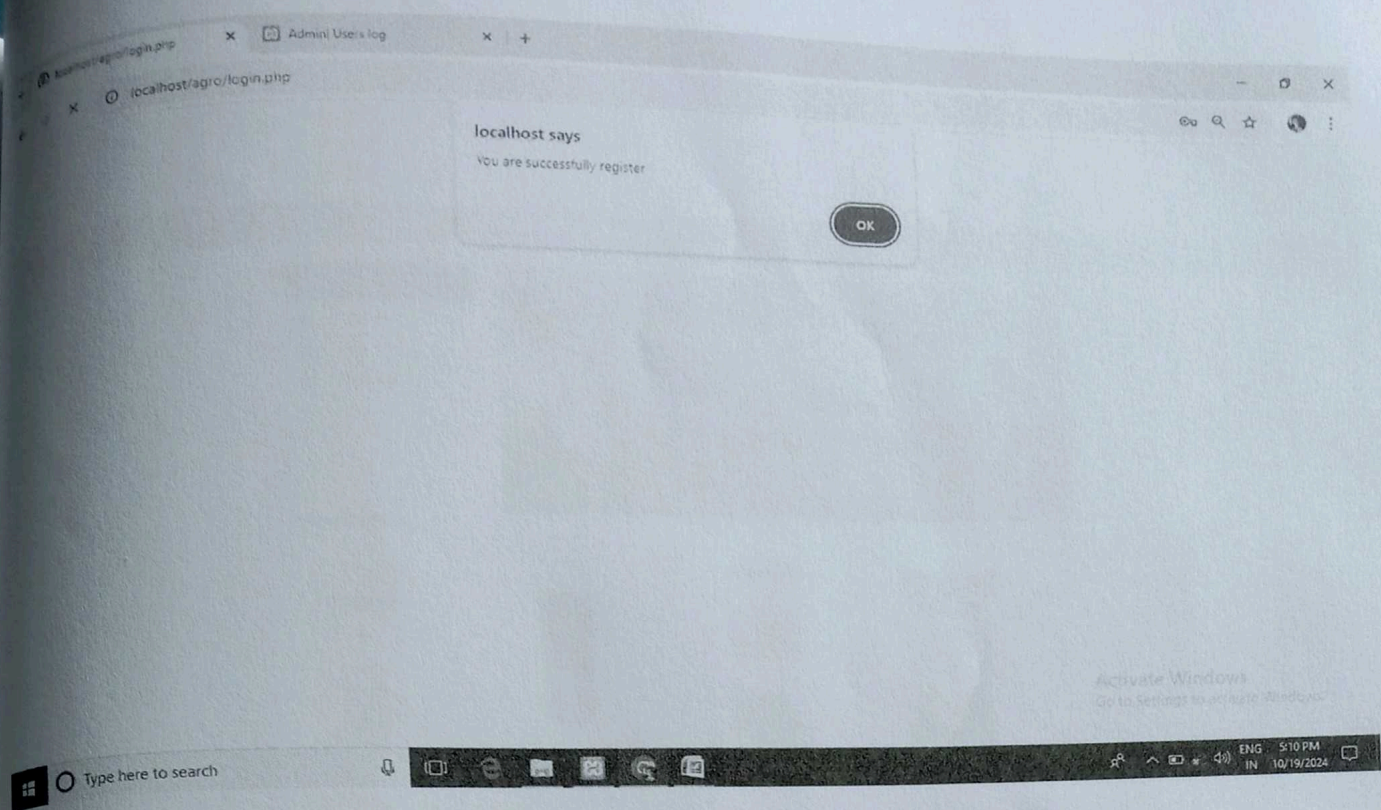


Fig 3.1 Successful User Registered

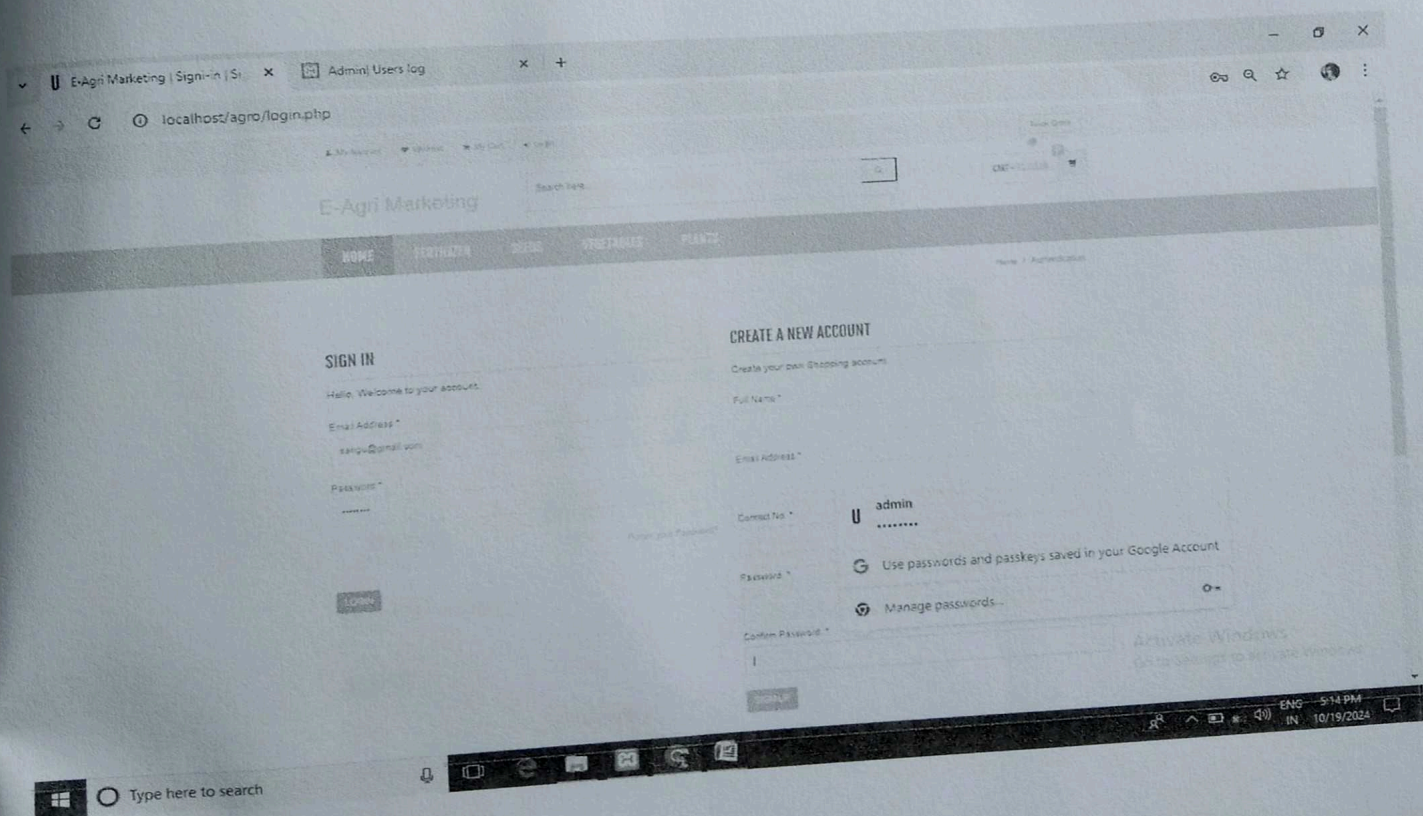


Fig 3.2 User Login

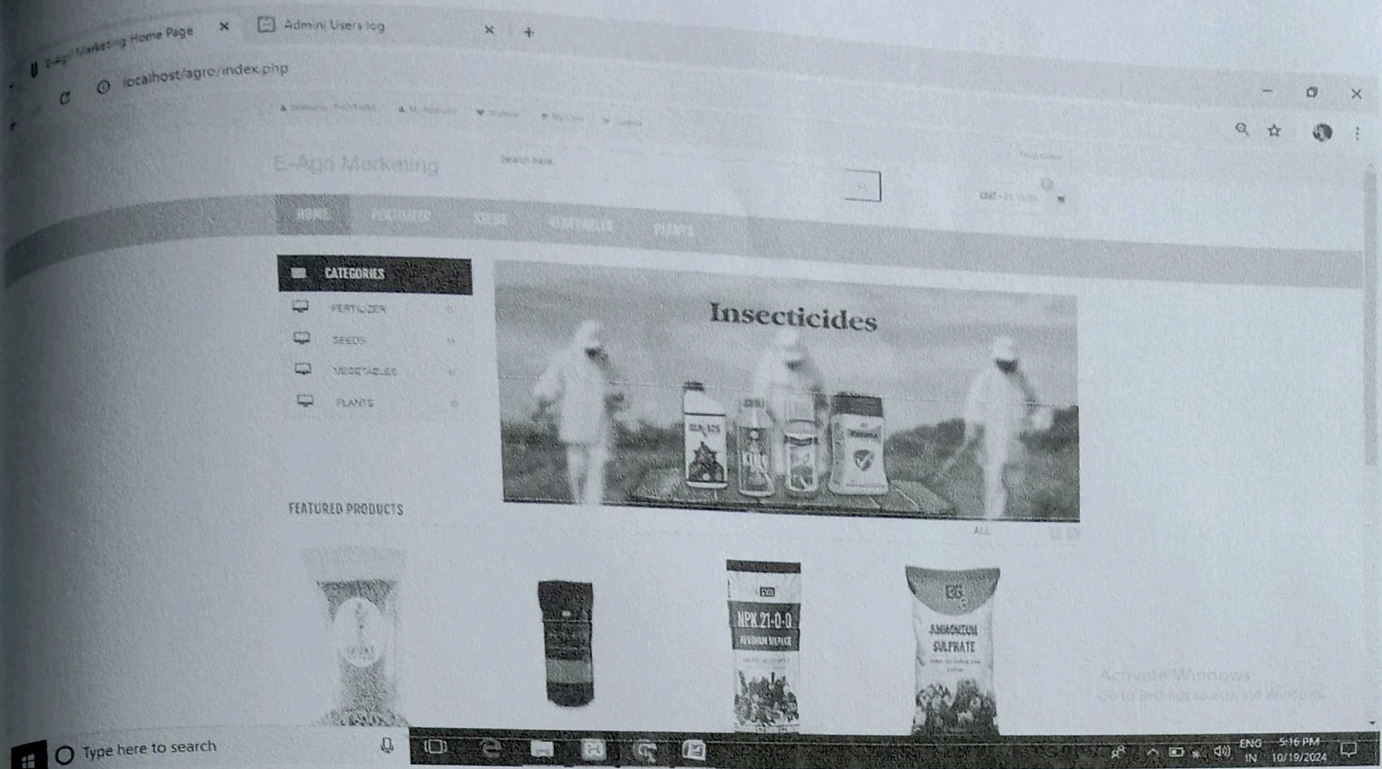


Fig 3.3 After User Login Page

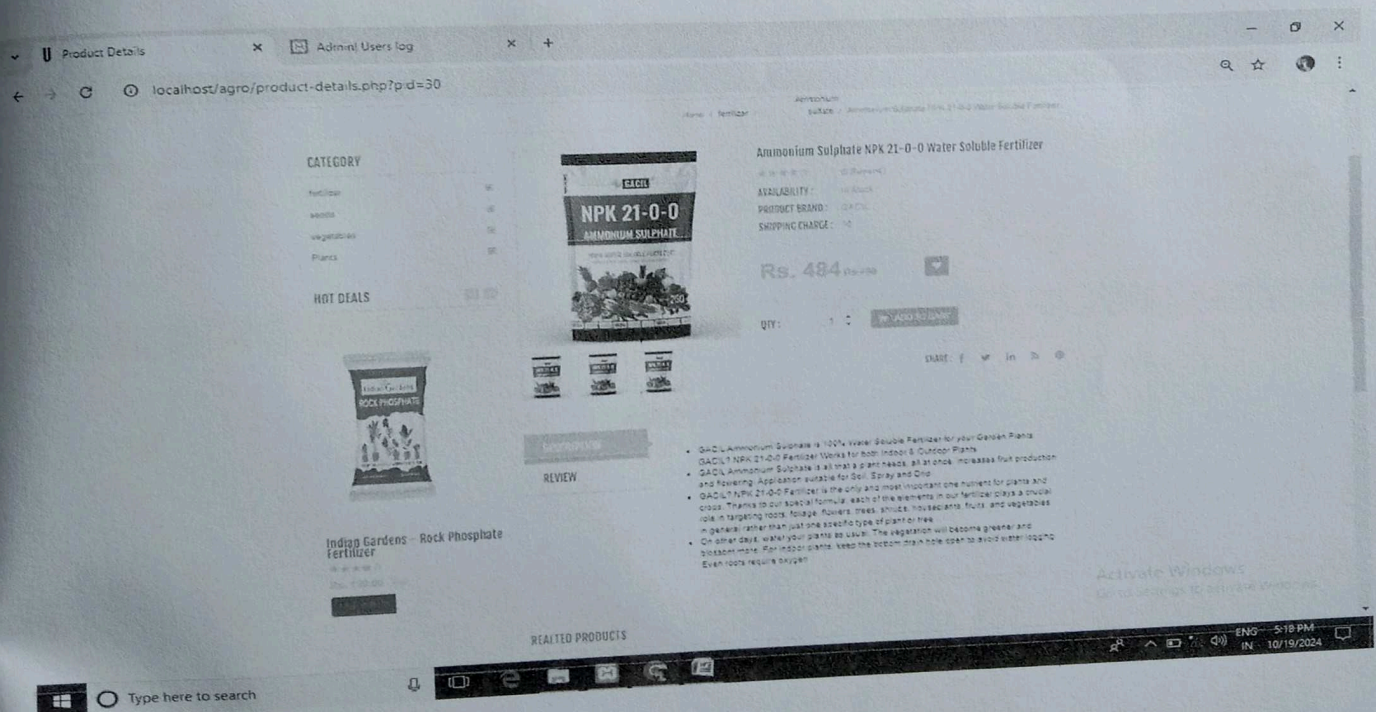


Fig 3.4 Product Order

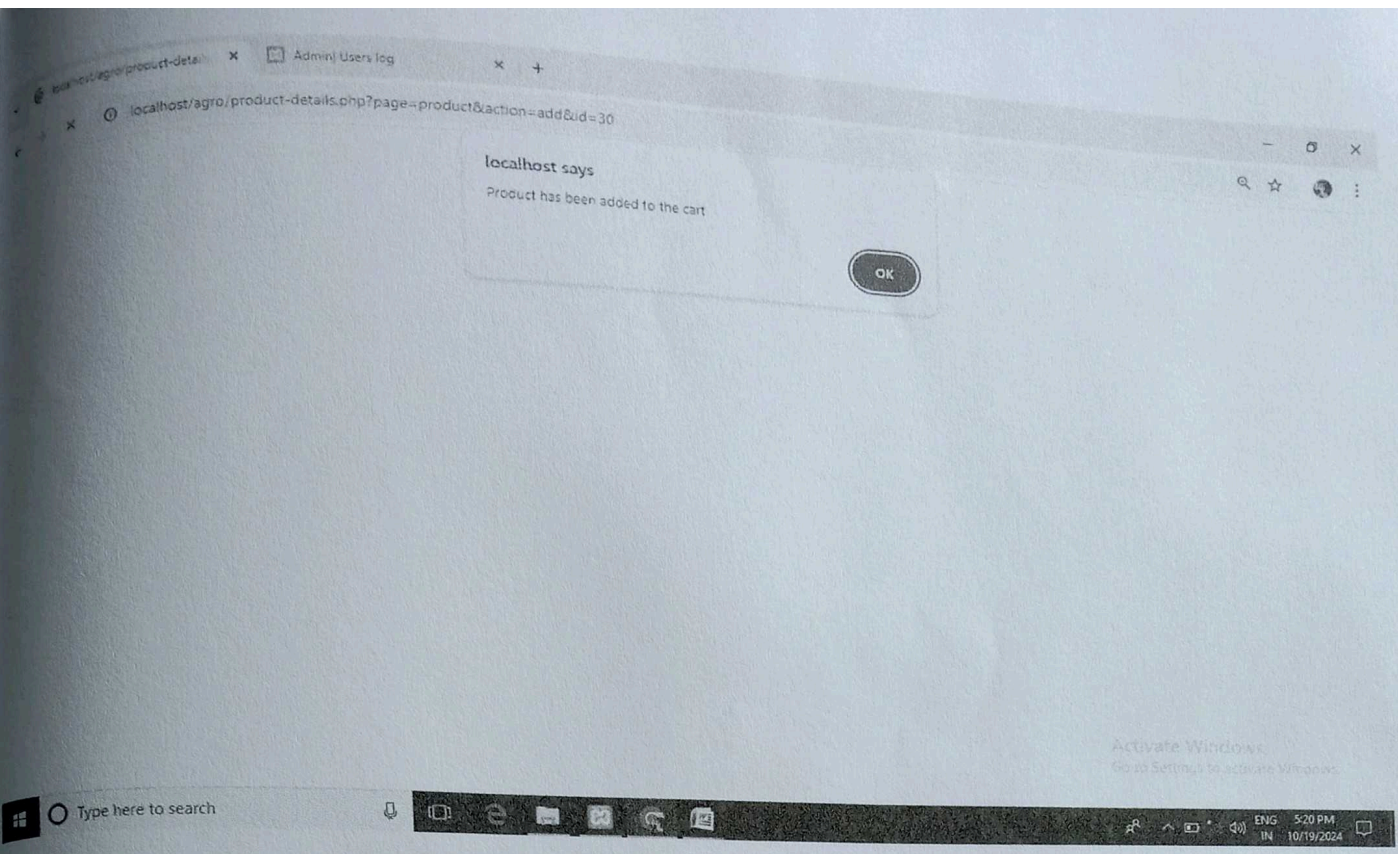


Fig 3.5 Successfully Product Added to Cart

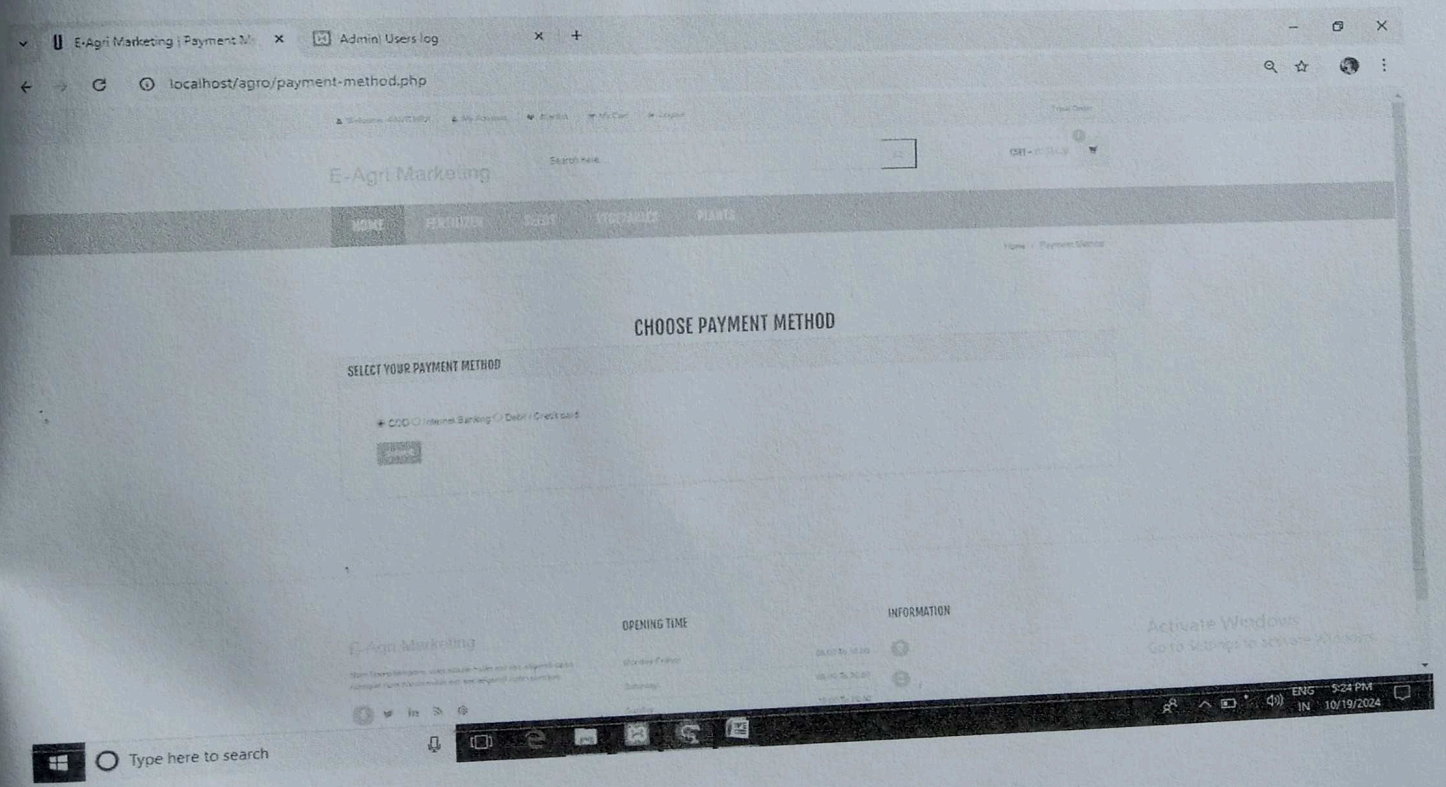


Fig 3.6 Payment Details

CERTIFICATE – I

This is to certify that the project work entitled as “GEOWEATHER” is a bonafide record of the work done by **M.Sathiya priya (23-MC-35), M.Sindhu (23-MC-36)** doing II-M.Sc Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc Computer Science under my supervision.

M. Pake 29/10/24

GUIDE

M. Sany

HEAD OF THE DEPARTMENT

This to certify that this is a bonafide record of the work submitted by

NAME : M.SATHIYA PRIYA, M.SINDHU
REG NO : 23-MC-35, 23-MC-36
SUBJECT TITLE : PILOT PROJECT - I
SUBJECT CODE : 23PCS3P1

For External Viva-voce examination held on ...29.10.2024.....

M. Pake 29/10/24

INTERNAL EXAMINER

D. Rajalakshmi 29/10/24

EXTERNAL EXAMINER

(D. RAJALAKSHMI)

CERTIFICATE – II

This is to certify that the project work entitled as “GEOWEATHER” is the original work done by M.Sathiya priya (23-MC-35), M.Sindhu (23-MC-36) under the guidance of me.

Date : 29.10.2024

Place : Ponnachi

M. Rathamani 29/10/24

Signature of the Guide

(Dr.M.Rathamani)

CERTIFICATE – III

This is to certify that the project work entitled as “GEOWEATHER” is the original work done by under the guidance of **Dr.M.Rathamani MCA., M.Phil., Ph.D.,**

Date : 29.10.2024

Place : *pouachi*

M. Sathya

M. Sindhu

Signature of the Candidate

M.Sathiya priya (23-MC-35)

M.Sindhu (23-MC-36)

DECLARATION

I hereby declare that the project work entitled “**GEOWEATHER**” submitted to “**NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI**”, Affiliated to Bharathiar University is a record of original work done by me during 2024 – 2025 under the supervision and guidance of **Dr.M.Rathamani MCA., M.Phil., Ph.D.**, Assistant Professor, PG Department of Computer Science.

Date : 29.10.2024

Place : Pollachi

M. Sathya Priya

M. Sindhu

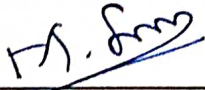
Signature of the Candidate

M.Sathya priya (23-MC-35)

M.Sindhu (23-MC-36)

CERTIFICATE – I

This is to certify that the project work entitled as “GYM MANAGEMENT SYSTEM” is a bonafide record of the work done by A. MOHAMMED FAYAS (23-MC-08) S. SRIDHAR (23-MC-17) doing II-M.Sc Computer Science submitted to Nallamuthu Gounder Mahalingam College, affiliated to Bharathiar University in partial fulfillment of the requirements for the award of the degree of M.Sc Computer Science under my supervision.



GUIDE



HEAD OF THE DEPARTMENT

Dr. M.SAKTHI, M.Sc., M.Phil., Ph.D.,

Associate Professor & Head

PG Department of Computer Science

NGM College, Pollachi - 642 004

This to certify that this is a bonafide record of the work submitted by

NAME : A. MOHAMMED FAYAS , S. SRIDHAR

REG NO : 23-MC-08, 23-MC-17

SUBJECT TITLE : PILOT PROJECT- 1

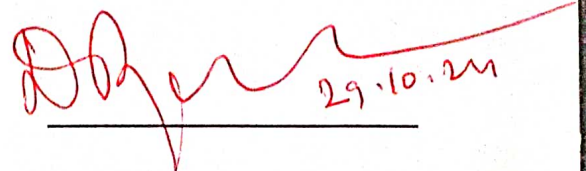
SUBJECT CODE : 23PCS3P1

For External Viva-voce examination held on ..29/10/2024.....



INTERNAL EXAMINER

(Dr. M. Sathya)



EXTERNAL EXAMINER

(D. RAJAKRISHNA)

CERTIFICATE – II

This is to certify that the project work entitled as “GYM MANAGEMENT SYSTEM” is the original work done by A.MOHAMMED FAYAS(23-MC-08) S.SRIDHAR (23-MC-17) under the guidance of me.

Date : 29/10/2024

Place : pollachi.


28/10/24

Signature of the Guide

(Dr.M.SAKTHI)

CERTIFICATE – III

This is to certify that the project work entitled as “GYM MANAGEMENT SYSTEM” is the original work done by me under the guidance of

Dr. M. Sakthi, M.Sc., M.Phil., Ph.D.,


S. Sridhar

Date : 29/10/2024

Place : Pollachi

Signature of the Candidate
A. Mohammed Fayas (23-MC-08)
S. Sridhar (23-MC-17)