GOVERNMENT POLYTECHNIC JAMNAGAR

COMPUTER ENGINEERING
PROJECT REPORT
FOR
D.E 5$^{\text{TH}}$ SEMESTER

GOVERNMENT POLYTECHNIC JAMNAGAR.

Computer Engineering

2015

CERTIFICATE

Date: 17/10/2015

This is to certify that the dissertation entitled **" ELECTRONIC PERSON[e-person] "** has been carried out by **DEEPAK R. ALRAM, RAJESH J. PARMAR** under my guidance in fulfillment of the engineering of Diploma of Engineering in Computer Engineering (5th Semester) of Gujarat Technological University, Ahmedabad during the academic year 2015-16.

Internal Guide   **Head of the Department**
M. R. Bhalodiya   S. A. Gohil

ACKNOWLEDGEMENT

Every work that one complete successful stands on the constant encouragement, goodwill and support of the people around. I hereby, avail this opportunity to express my heartfelt gratitude to a number of people who extended their valuable time, and cooperation in developing this project.

We would like to thank this opportunity to express our deep gratitude and sincere thanks to my respected internal guide **M. R. BHALODIYA** and external guide provide us with the all valuable guidance, encouragement, support and constructive criticism without which this project would not have been materialized.

Last but not least we would like to thanks our parents and a family member whose love and support has allowed us to achieve this goal.

With sincere regards,

PREFRANCE

E-Person System provides online store document facility to the account holder by simply login from website from your home and user can read deferent type news and find a government and private job. User can one click and apply resume for selected job.

Also provides a contact facility to solve your Run time any problem create then send a feedback or complain mail to administer. E-Person is also help to government for calculate population

INDEX

CHAPTER NO. 1
INTRODUCTION

1.1 SUMMARY

1.2 PURPOES

1.3 SCOP

PROJECT SUMMRY

The project is based on the concept of digital India. The project will give complete details of person, its Qualification, identifications, experience, home address and much more .using this profile, you can use this information as a resume and document at any place. User can see different types of news, jobs, Government message, and scheme. And apply a resume for more than one jobs. Most important benefit of this project is government easily count a population and save much more many.

PURPOSE

E-Person is a website used for people can online store all kind of documents and reduce a paper work. People easily find a Government, private jobs and apply a resume for selected job.   Most important purpose of this project is a Government easily population calculation without west of time and money.

SCOPE

E-person is provide an online storage document and all kind of document like a Qualification, identifications, experience document.so user can verify document without any physical document. E-person is one type a communication site between the user and company. Company simply give job advertisement and user can read and apply resume job for selected. User can read all type of news and government scheme and know about what running in national. If user can problem about site so user send feedback and complain message and short time in solve time I admin solve a problem.

CHAPTER NO. 2
PROJECT MANAGEMENT

2.1 PROJECT PLNNING AND SCHEDULING

2.2 ESTIMATION

2 .1 PROJECT PLNNING AND SCHEDULING:

No	Task Name	Start	Finish	Duration	June	July	August	September	October
1	Study of Existing System	20-06-15	04-07-15	2w	▬*				
2	Requirement Gathering	08-07-15	28-07-15	2.9w		▬*			
3	Designing	01-08-15	15-08-15	2w			▬*		
4	Coding	26-08-15	14-09-15	2.5w				▬*	
5	Integration	18-09-15	30-09-15	1.9w				▬*	
6	Testing	06-10-15	10-10-15	1w					▬*
7	Documentation	07-10-15	15-10-15	1.2w					▬

2.2 ESTIMATION

Task	Date of Completion	Done By
Study of Existing System	04-07-15	Deepak And Rajesh
Requirement Gathering	28-07-15	Rajesh
Designing	15-08-15	Deepak
Coding	14-09-15	Deepak
Integration	30-09-15	Deepak And Rajesh
Testing	10-10-15	Rajesh
Documentation	15-10-15	Rajesh

CHAPTER NO. 3

REQUIREMENT STUDY

3.1 SOFTWARE REQUIREMENT

3.2 HARDWARE REQUIREMENT

3.1 <u>SOFTWARE REQUIREMENT</u>:

Supported Operating Systems

.

- Windows 8.1 (32-bit/64-bit),
  Windows 8 (32-bit/64-bit),
  Windows 7 (32- bit/64-bit),

Supported Browsers.

- Microsoft Internet Explorer 8, 9, 10, 11
- Mozilla Firefox
- Google Chrome
- Apple Safari

3.2 <u>HARDWARE REQUIREMENT:</u>

- Processor used: Intel Pentium.(MIN)
- Ram: 256 MB (MIN).

CHAPTER NO. 4
SYSTEM ANALYSIS

4.1 PROBLEM DEFINITION

4.2 SYSTEM REQUIREMENT SPECIFICATION

4.3 PROCESS MODEL

4.1 PROBLEM DEFINITION:

Without e-person system people have to physically attend any government places and verify their document. Now-a-day for jobs people have to refer newspaper, Pamphlets, advertisement and many places to found. Now a day fill-up a form for Government and private job. Fill-up a form after see a result selection going to cyber café. For population count government hire much more people by area wise.

4.2 <u>SYSTEM REQUIREMENT SPECIFICATION</u>

REQUIREMENT SPECIFICATION OF GUEST USER

REQUIREMENTS:

    R1: Create New Account

REQUIREMENT SPECIFICATION OF USER

REQUIREMENTS

    R1: Login
    R2: Edit profile
    R3: Read & Follow News
    R4: Jobs New
    R5: Contact Admin

REQUIREMENT SPECIFICATION OF ADMIN

REQUIREMENTS

    R1: Login
    R2: Modify Profile
    R3: Modify News
    R4: Track Profile
    R5: Population Count

- **Function Requirement**

Use Case 1: Guest User.

R1: Create New Account.

- Description: Here the guest user can create their profile & use the Functionality of Project.

- State: Here the guest user fill up the Register page Details.

- Input: Required Details

  Condition 1-Invalid Details
  Condition 2-User Already Exists
  Condition 3-Successfully Creation of user

- Output: Result will be displayed based on the condition.

- Process: All information store in database & login page will be fetched on server

Use Case 2: User

R1: Login

- Description: Here the user will enter their profile ID & Password if match then login Successfully else give message "Invalid ID & Password".

- State: User has selected login option.

- Input: User will enter Required Details.

  Condition 1-Invalid ID & password.

  Condition 2-Login Successfully.

- Output: Decision will be taken based on the condition.

- Process: The system will validate the details entered by user against the database and If Details matches then user will be login successfully else error message get Printed.

R2: Edit profile

- Description: The user can edit & update Education and Documentation information or Change a contact information.

- State: User has selected edit profile page.

- Input: Enter Education and Documentation information.

  Condition 1-Invalied information.

  Condition 2-Successfully changes.

- Output: Decision will be display based on the condition.

- Process: If information valid then data store permanently in the database otherwise Information is lost.

R3: Read & Follow News

- Description: Here the user can Read different types of news and different types of Government Schemes and give the opinion.
- State: User has selected a news page.

- Input: None.

- Output: Different types of news and schemes will be displayed.

- Process: News page will be fetched on server.

R4: Jobs Apply

- Description: Here the user can see much more job vacancy for different types of Government and private company. User can select more than one job and fill-up job form and apply.

- State: User has selected a jobs Apply page.

- Input: User required details.

- Output: Much more job vacancy for different types of government and private Company will be displayed.

- Process: jobs Apply page will be fetched on server. If user select a job then user fill-up Required details and data store in entire database

R5: Contact Admin

- Description: If any type of problem create then user sent can problem report to Administer by mail or by address which is given in the web page.

- State: User has selected Contact page.

- Input: Write a name, .email, subject and problem message.

- Output:" mail successfully send" message will be print on displayed.

- Process: message store in entire database

Use Case 3: Admin

R1: login

- Description: Here the Admin will enter their profile ID & Password if match then Login successfully else give message "Invalid ID & Password".

- State: Here the user has been authenticated.

- Input: Admin will enter Required Details.

    Condition 1-Invalid ID & password.

    Condition 2-Login Successfully.

- Output: Admin will successfully login or Invalid Detail.

- Process: Here the admin will be validated against the system's database.

R2: Modify Profile

- Description: Here the admin can Edit, Add and Update user information

- State: admin has selected control user Profile option.

- Input: user's id and username.

- Output: Successful changes made by admin.

- Process: Changes made by admin will be saved permanently and stored in the database.

R3: Modify News and Jobs

- Description: Here the admin can Edit, Add and Update news and jobs

- State: Admin has selected control news and jobs option.

- Input: Enter new information of news and jobs.

- Output: Successful changes made by admin.

- Process: Changes made by admin will be saved permanently and stored in the database.

R4: Track Profile

- Description: Here admin can track a user profile and get all information of user. Admin
  Can find user family member and get information about user family.

- State: Admin has selected user track option.

- Input: Enter user id and username.
  Condition 1-Invalid ID & USERNAME.

  Condition 2-User Profile displayed.

- Output: Decision will be display based on the condition.

- Process: If user id and username match in entire database then user information will be
  Displayed Else give message "Invalid ID & USERNAME".

R5: Population Count

- Description: Here the admin can count the all user profile and enter in textbox year and
  Result of population count.

- State: Admin has selected Population count page:

- Input: None

- Output: Population count result will be displayed.

- Process: Count the all of user profile and store in entire database and show final Calculation of profile on population count page with year.

- **Non Functional requirement.**

    - Database availability.
    - Software platform.
    - 24 X 7 persistence web support.
    - Respond to undesired events.

4.3 PROCESS MODEL:

```
┌─────────────────┐
│ Study of Existing│
│     System       │
└─────────────────┘
        ┌─────────────────┐
        │   Requirement    │
        │    Gathering     │
        └─────────────────┘
                ┌─────────────────┐
                │   Designing      │
                └─────────────────┘
                        ┌─────────────────┐
                        │    Coding        │
                        └─────────────────┘
                                ┌─────────────────┐
                                │   Integration    │
                                └─────────────────┘
                                        ┌─────────────────┐
                                        │    Testing       │
                                        └─────────────────┘
                                                ┌─────────────────┐
                                                │  Documentation   │
                                                └─────────────────┘
```
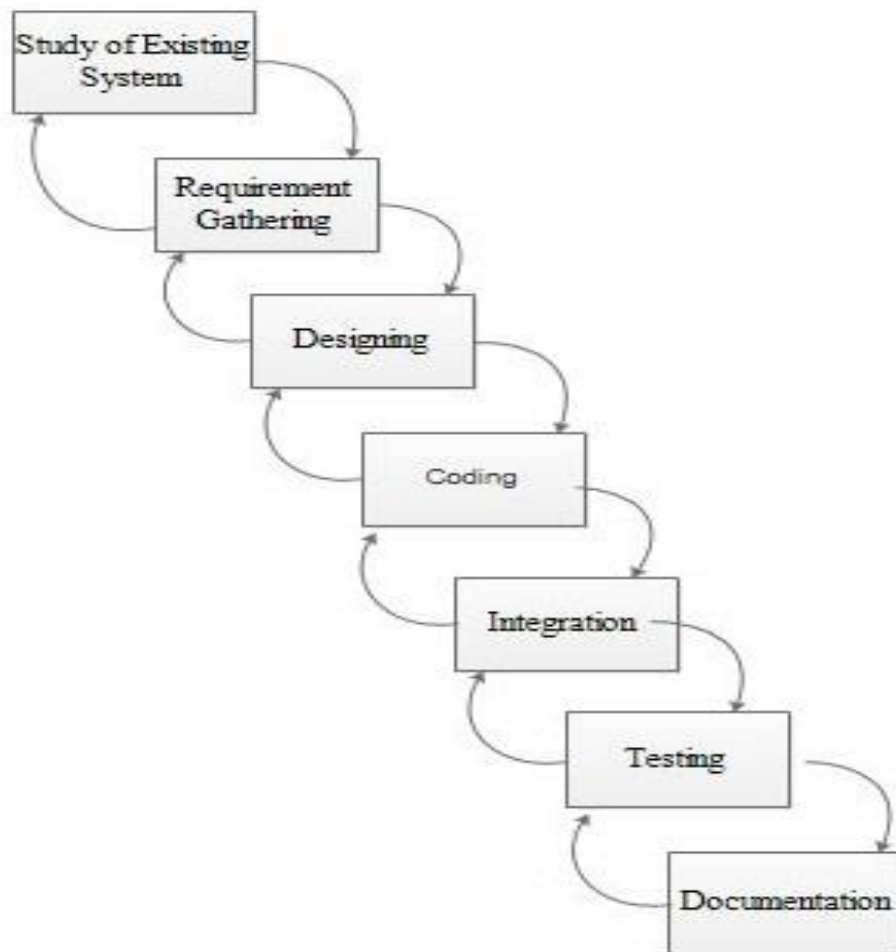
CHAPTER NO. 5
SYSTEM DESIGN

5.1 DATAFLOW DIAGRAM

5.2 USECASE DIAGRAM

5.3 ER DIGRAM

5.1 Design.

5.1.1 Data Flow Diagram.

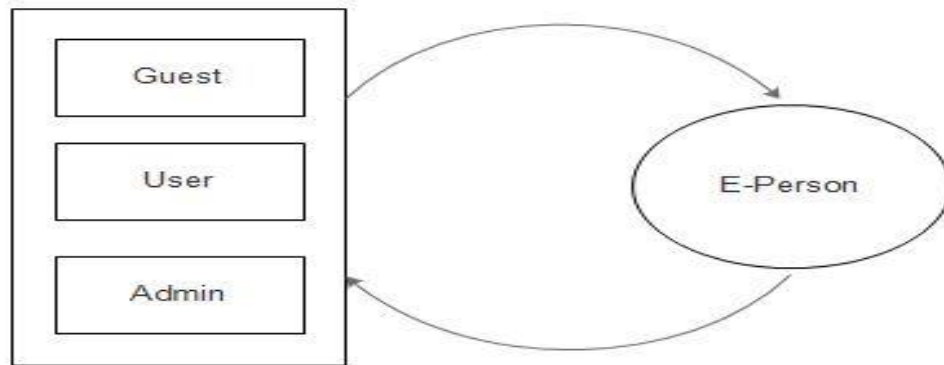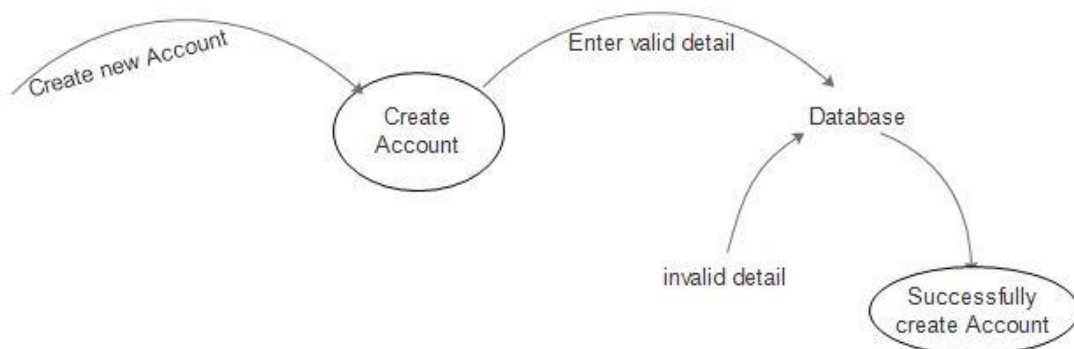0-level (Context Diagram):-

level 0(Context Diagram)

Guest

User

Admin

E-Person

Fig-1

1-level (for guest user):-

Guest level 1

Create new Account

Create Account

Enter valid detail

Database

invalid detail

Successfully create Account

1-level (user):-

User level 1

login detail

login

verify login database

profile database

invalid detail

Response

succes

fail

user profile

Attempts exceeded

2-level (user):-

level 2
(User)

User Profile

Create Profile
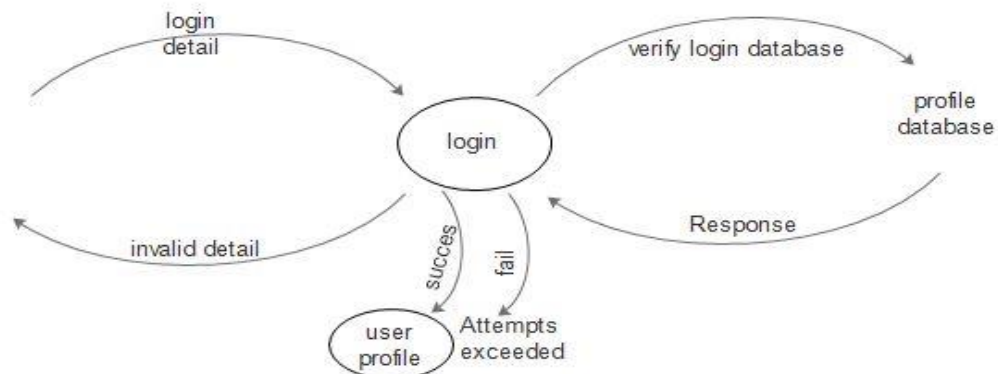
Update Detile
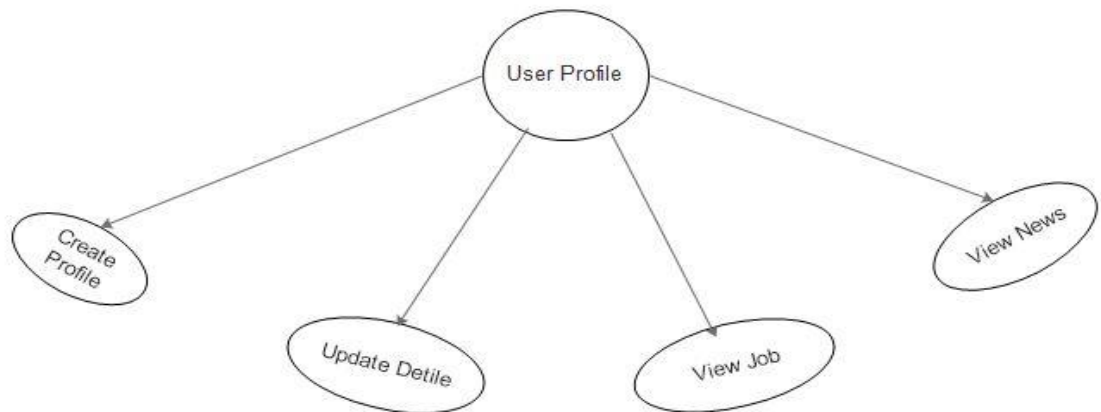
View Job

View News

3-level (user):-Create Profile

level 3(user)

Create new profile

Create profile

Enter valid detail

user profile database

invalid detail

Successfuly create profile
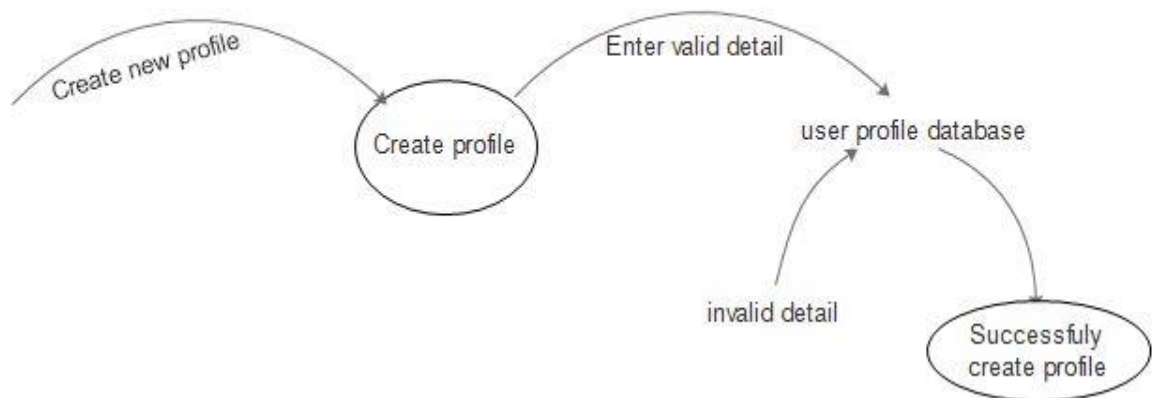
3-level (user):-Update Detail

level 3(user-Edit detil)

Edit detail

Enter detail to edit

Detail Edited
in Database

Successfully Edit   Failed

3-level (user):-View Job

level 3(user)

job page

view job

job descrition

job in
database

Response

3-level (user):-View News

level 3(user-News)

News page

News

News descrition

News in
database

Response
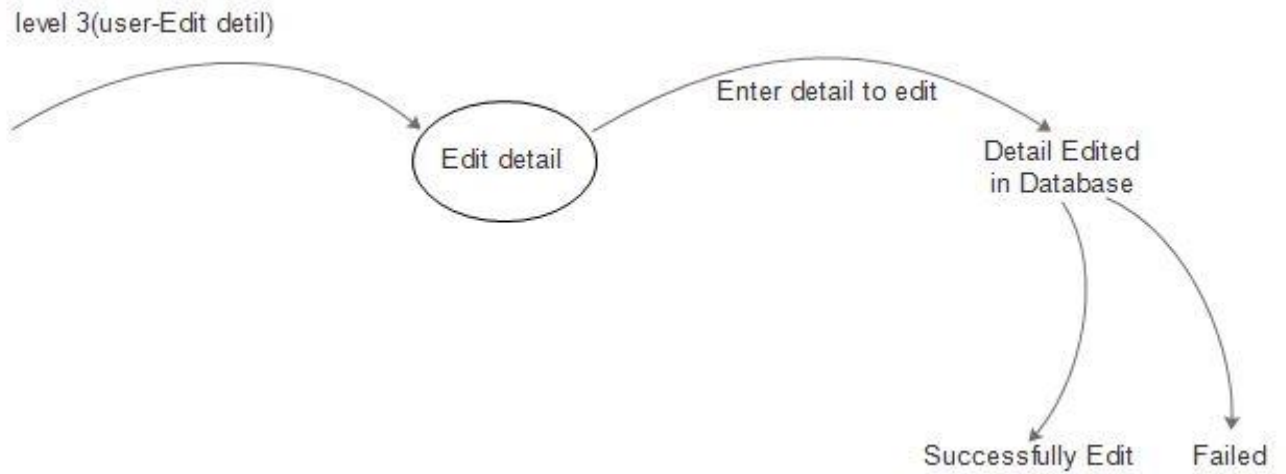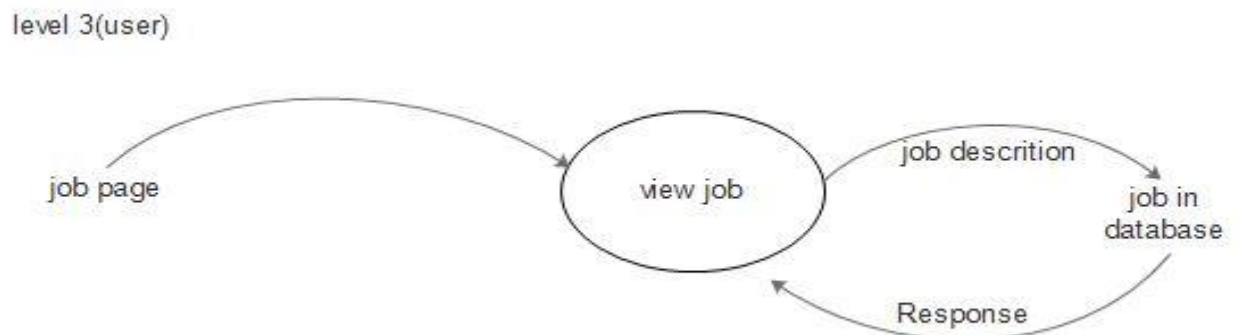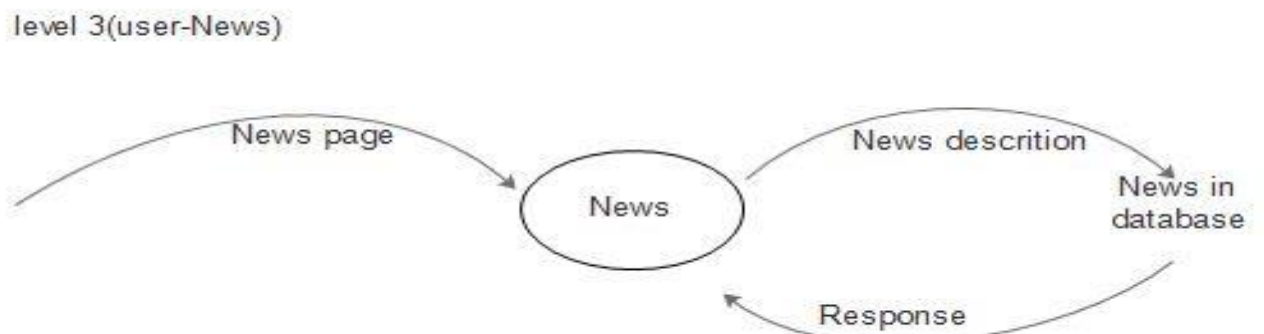
ADMIN:

1-level (Admin):-Admin login

Admin level 1

Admin login detail → Admin login

Request → profile database

Response → Admin login

invalid detail

succes → Admin profile

fail → Attempts exceeded
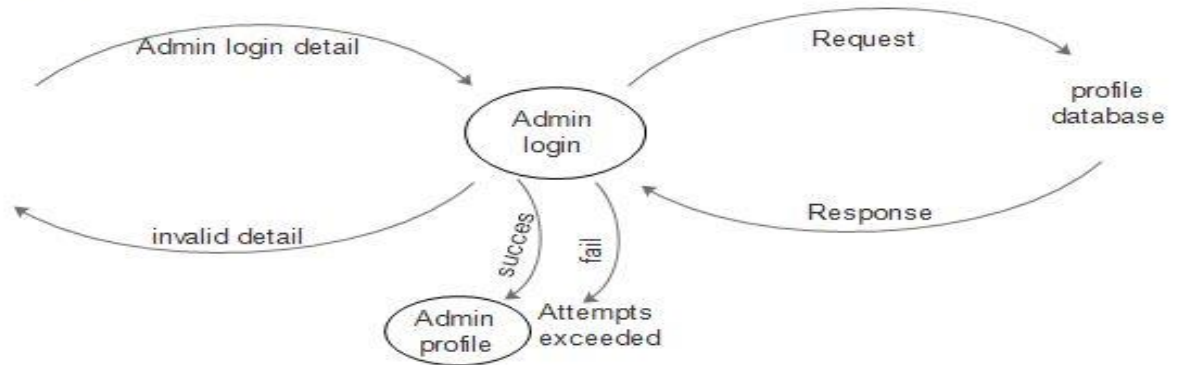
2-level (Admin):-Admin Profile

level 2 (Admin)

Admin Profile

- Edit profile
- Track profile
- Add job
- Add News
- Population
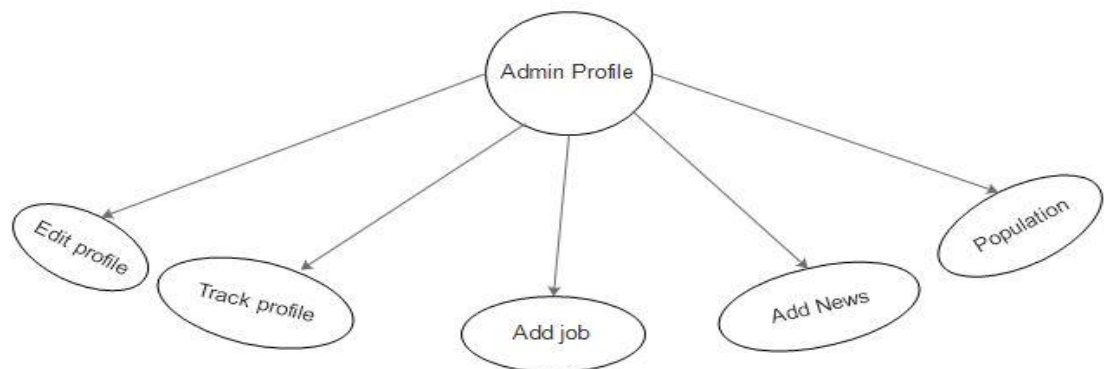
3-level (Admin):-Edit Profile

level 3(Admin-Edit Profile)

Edit profile

Enter detail to edit → Detail Edited in Database

Successfully Edit   Failed
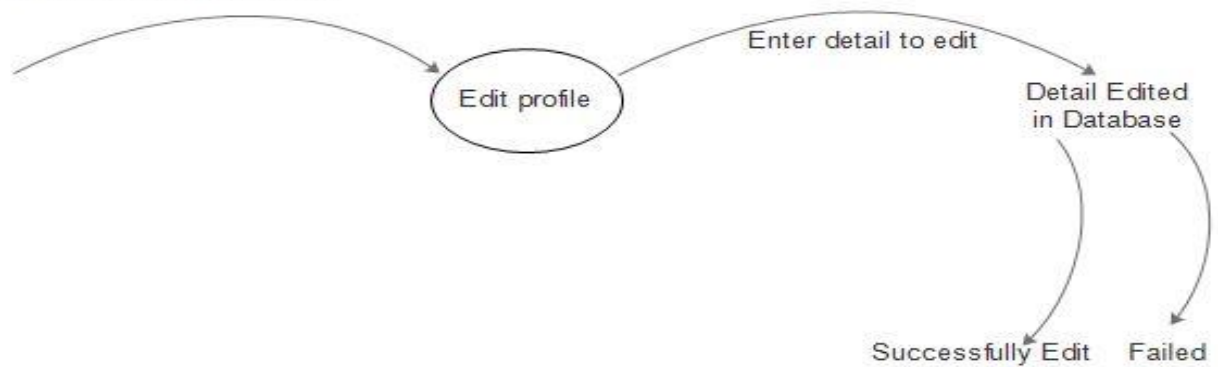
3-level (Admin):-Track Profile

level 3(Admin-Track profile)

Track profile

Search Profile

Database

Successfully Track Profile

Failed

3-level (Admin):-Add Job

level 3(Admin-Add Job)

Add Job

Add job detail

Detail Edited in Database

Successfully Job Added

Failed

3-level (Admin):-Add News

level 3(Admin-Add News)

Add News

Add News detail

Detail Edited in Database

Successfully News Added

Failed
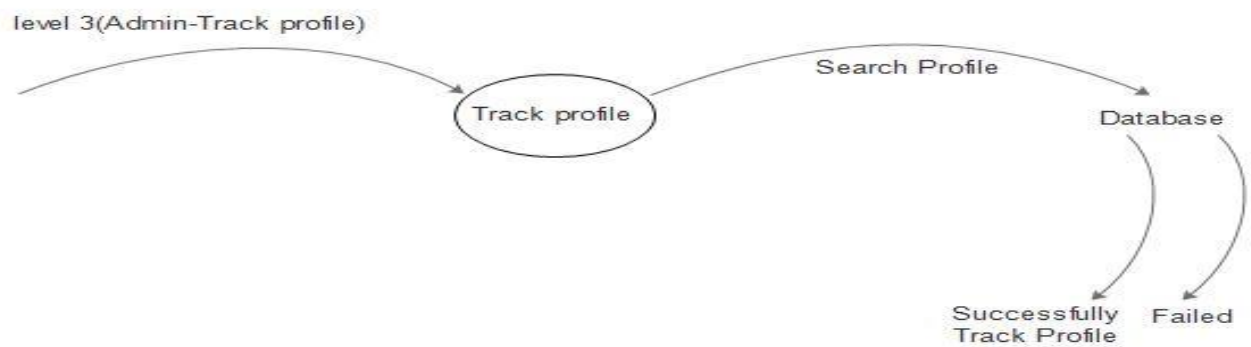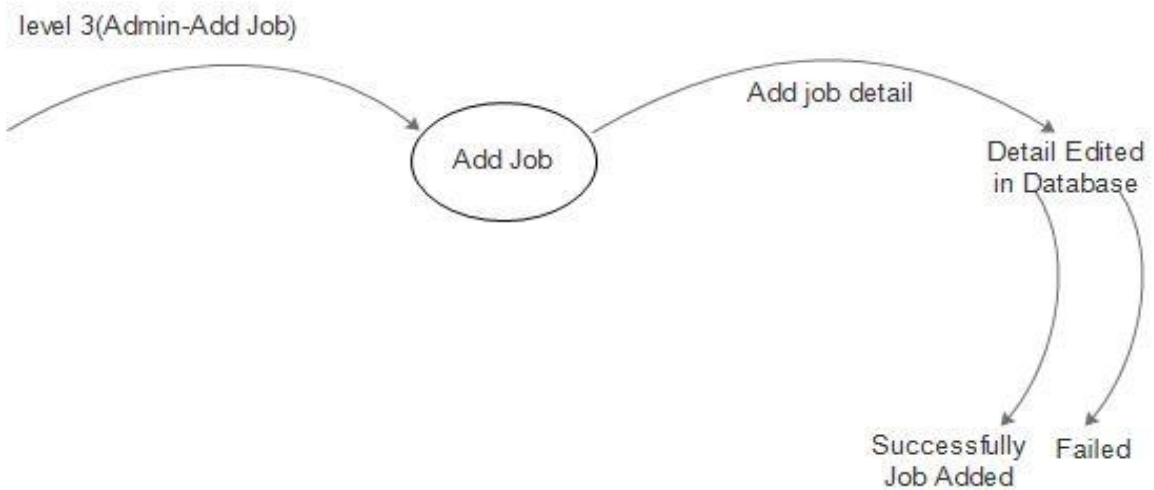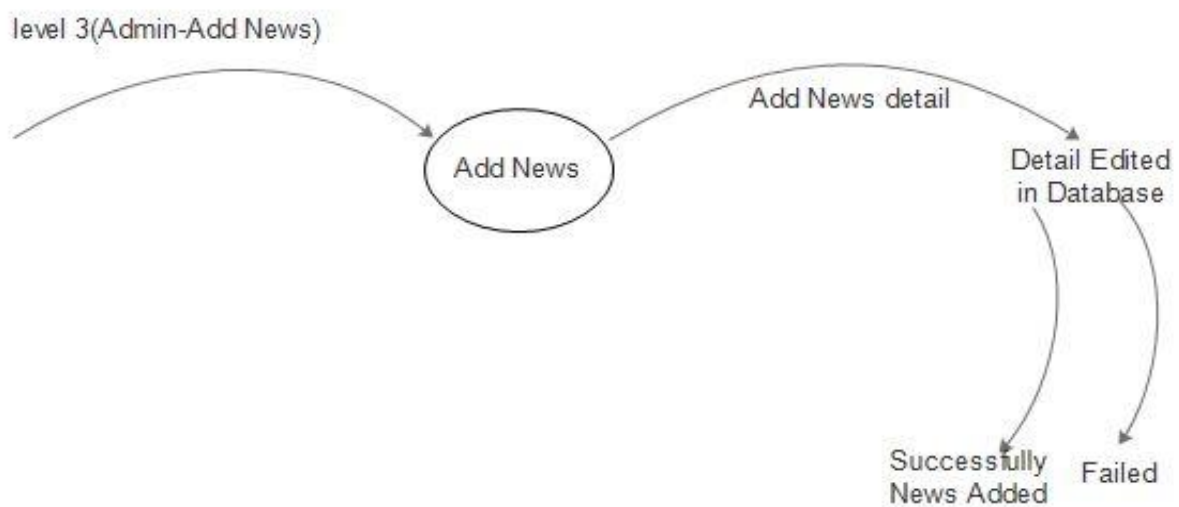
3-level (Admin):-Population

level 3(Admin-Population)

Population

Population count

Count profile to Database

Successfully count   Failed

5.2 Use Case Diagram:

E-Person

Search Profile

Guest

Sign up

Success
Success

Fail
Failed

User

Login

Profile
Profile

Read News

Connect

View Job

Admin

Login

login fail

Add News

Read user Message

Add Jobs
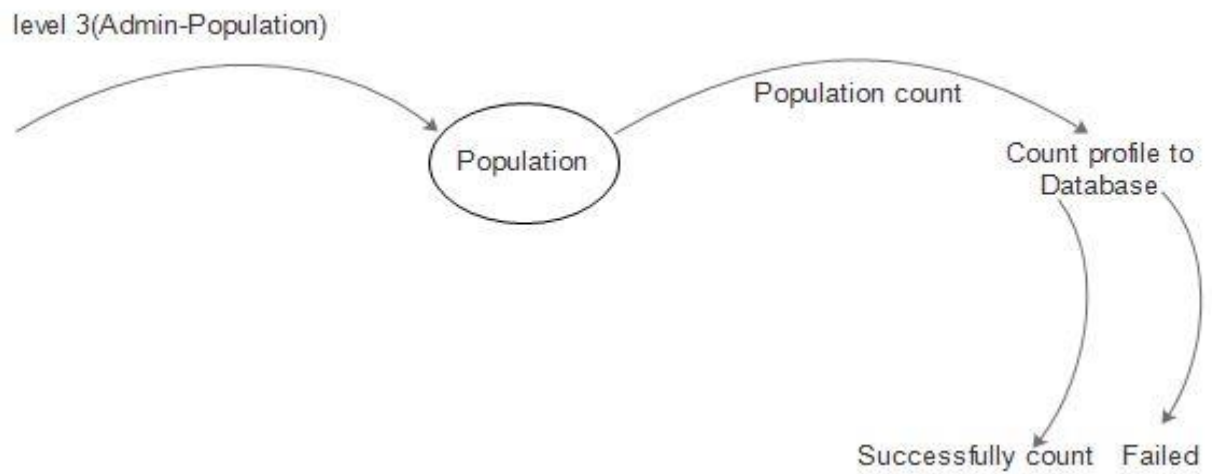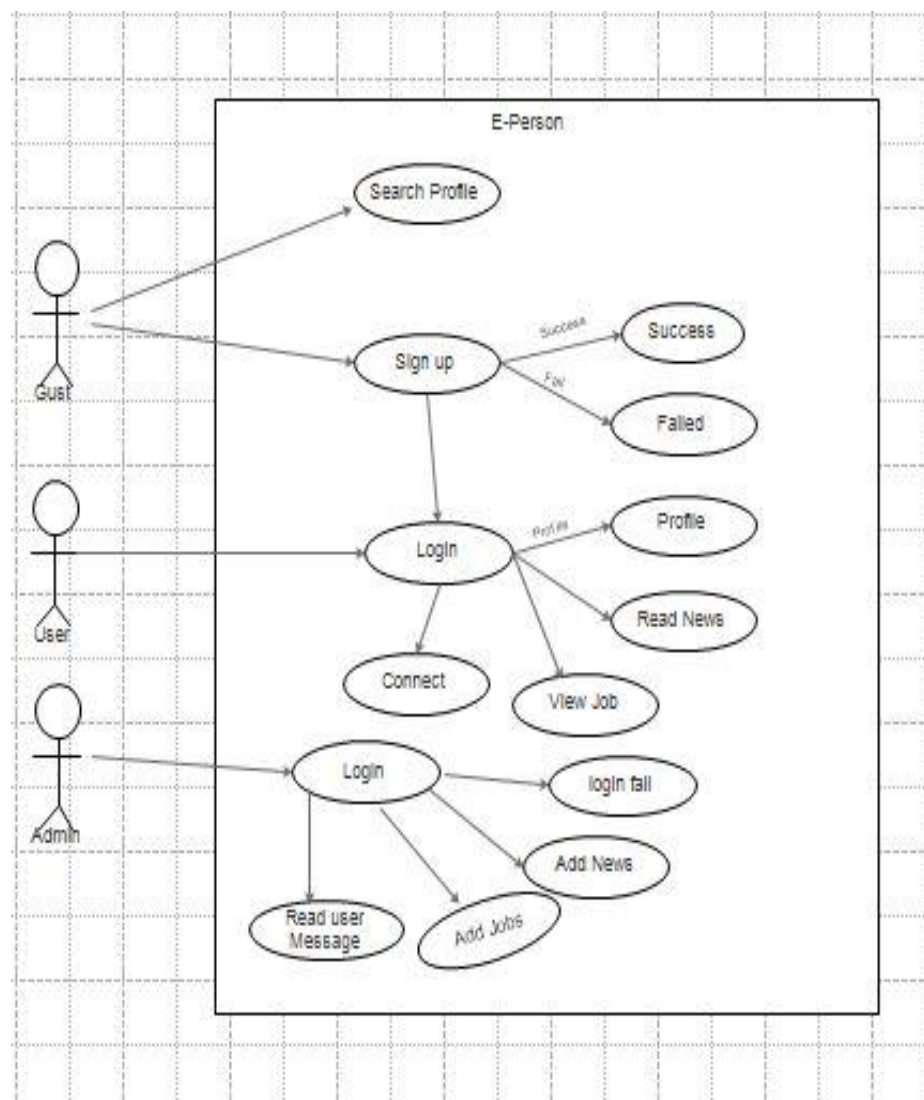
5.3 E-R Diagram:

CHAPTER NO. 6
DATA DICTIONARY

6.1 DATA DICTIONARY

1) User Details

No.	Field Name	Data type	Description
1.	Uid	Integer	It contains id of user
2.	Uname	Varchar	It contains user name of user
3.	Uimage	Varchar	It contains image of user
4.	Password	Varchar	It contains password of user
5.	Document	Varchar	It contains all documents in one pdf
6.	Dob	Date	It contains birth date of user
7.	Email	Varchar	It contains email of user
8.	Gender	Varchar	It contains gender of user
9.	Address	varchar	It contains address of user
10.	Religion	varchar	It contains religion of user
11.	City	varchar	It contains city of user
12.	State	varchar	It contains state of user
13.	pin code	varchar	It contains pin code of user area
14.	contact	varchar	It contains contact of user area

2) Admin_login

No.	Field Name	Data type	Description
1	Username	Varchar	It contains username of admin
2	password	varchar	It contains password of admin

3) Education Details

No.	Field Name	Data type	Description
1	Uid	Int	It contains id of user
2	Title	Varchar	It contains title of education
3	Board university	varchar	It contains Board university of education
4	Passing year	Int	It contains Passing year of education
5	Passing percentage	Float	It contains Passing percentage of education

4) Job

No.	Field Name	Data type	Description
1	Job id	Int	It contains id of job
2	Job title	varchar	It contains title of job
3	Job image	Varchar	It contains Image of job news
4	Company name	varchar	It contains of company
5	Job description	varchar	It contains description of job
6	Start apply date	Date	It contains Start apply date of job
7	end apply date	Date	It contains end apply date of job

5) News

No.	Field Name	Data type	Description
1	News	Integer	It contains of news
2	Ntitle	varchar	It contains title of news
3	ndescription	varchar	It contains description of news

6) Feedback

No.	Field Name	Data type	Description
1	Fid	Integer	It contains id of feedback
2	Name	Varchar	It contains name of user
3	Email	Varchar	It contains email of user
4	Subject	Varchar	It contains subject of feedback
5	Message	Varchar	It contains message of feedback

7) IP

1	IP	Integer	It contains ip address of search profile

CHAPTER NO. 7
SCREEN SHOTS

7.1 USER

7.2 ADMIN

CHAPTER NO. 8

TESTCASE

8.1   TESTCASES

Test Case 1:

Test type	Unit test
Test case	Login
Test data	The login system must work correctly and enter wrong username and password must be checked with each user acc.
Expected result	Reload login page
Actual result	Reload login page
Result	Pass

Test Case 2:

Test type	Unit test
Test case	Search profile
Test data	Enter valid uid or Username
Expected result	Open these user profile page
Actual result	Open these user profile page
Result	Pass

Test Case 3:

Test type	Unit test
Test case	feedback
Test data	Enter valid name or email or message send
Expected result	Send feedback message
Actual result	Send feedback message
Result	pass

Test Case 4:

Test type	Validation
Test case	Photo Validation
Test data	Do not insert photo in entering data
Expected result	Image is set to default and default path is inserted in database.
Actual result	Image is set to default and default path is inserted in database.
Result	pass

Test Case 5:

Test type	Unit test
Test case	Signup
Test data	Enter valid detail or not enter Optional detail
Expected result	Create profile
Actual result	Create profile
Result	pass

Test Case 6:

Test type	Module Test
Test case	Add news
Test data	Enter valid news detail
Expected result	Add news
Actual result	Add news
Result	pass

Test Case 7:

Test type	Module Test
Test case	Add job
Test data	Enter valid job detail
Expected result	Add job
Actual result	Add job
Result	pass

Test Case 8:

Test type	Integrate Test
Test case	User apply job
Test data	Admin site display list of apply user for job
Expected result	Display list of apply user
Actual result	Display list of apply user
Result	pass

Test Case 9: Admin site

Test type	Module Test
Test case	View user message
Test data	Open message page and view User contact or feedback message
Expected result	View message
Actual result	View message
Result	pass

CHAPTER NO. 9

LIMITATION AND FUTURE ENHANCEMENT

9.1   LIMITATION

9.2   FUTURE ENHANCEMENT

9.1   <u>LIMITATION</u>

- Non educated person cannot use this site.
- Need to upgrade to change in software.

9.2   <u>FUTURE ENHANCEMENT</u>

- In future we provide our site in all local languages which is beneficial for uneducated people

CHAPTER NO. 10

CONCLUSION

10.1 ADVANTAGE

10.2 CONCLUSION

10.1 **ADVANTAGE**

- User easily fined a new government and private jobs and apply resume for them.
- User can verify their document without any physical documentation.
- User can store there document as a cloud data and use this document anywhere.
- User can read all type of news.

10.2 **CONCLUSION**

- This project not only use in for Read news and job but also apply resume for selected jobs. User cannot fill-up a form for apply job.
- In this user store online all kind of document like identification, Adharcard and much more.
- Thus, by making PHP project we are now use to with PHP and can build other PHP project.

CHAPTER NO. 11
BIBLIOGRAPHY

11.1 BIBLIOGRAPHY

BIBLIOGRAPHY

- The websites used to refer for our project are:
    - ❑ www.stackoverflow.com
    - ❑ www.coderzheaven.com
    - ❑ www.tutorialspoint.com
    - ❑ www.phppoint.com
    - ❑ www.github.com

CHAPTER NO. 12

REFERENCE

12.1 REFERENCE