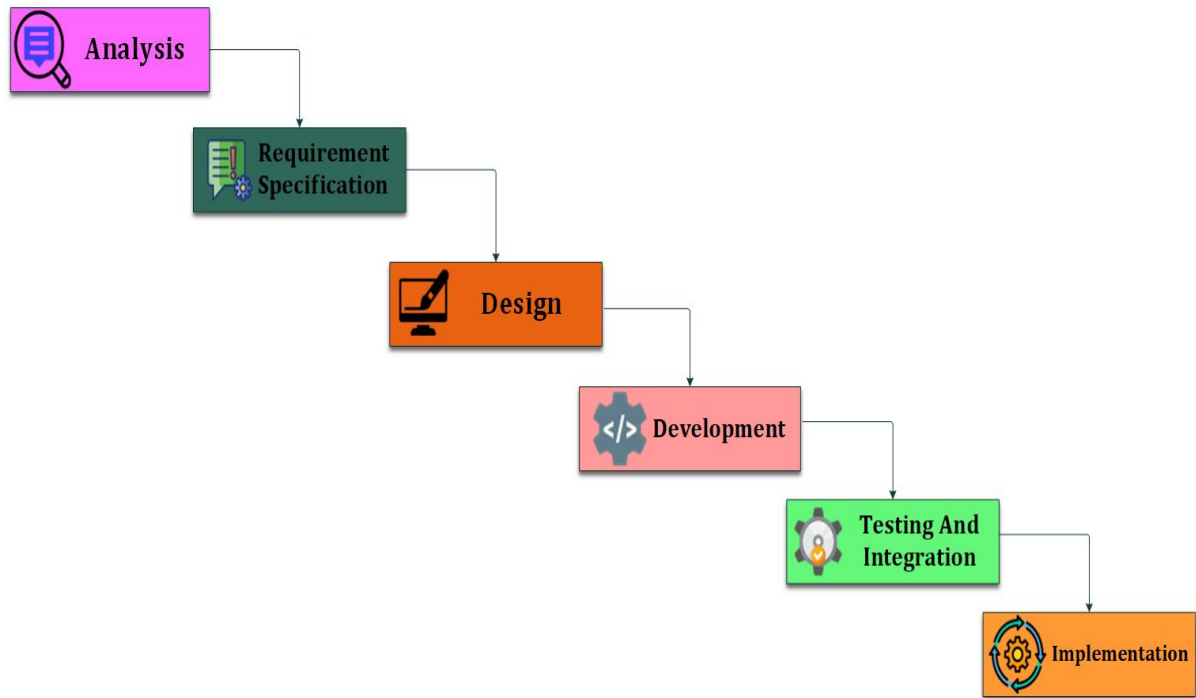


CHAPTER 1

OVERVIEW OF THE ACCEPTED SDLC MODEL



Waterfall Model

- *We are using Water fall Model because each phase must be completed before the next phase can begin and the flow of water fall model in a linear sequential.*
- *phase are processed and at a time.*
- *cannot repeat previous step*
- *It is termed as waterfall because the model develops systematically from one phase to another in a downward fashion.*

CHAPTER 2

REQUIREMENT GATHERING AND ANALYSIS

2.1 Organization details

➤ **Name of organization:**

- LIC

➤ **Brief details of the organization:**

- LIC provides many types of insurance policies to their customers according to their requirements. There are types of term insurance plans, life insurance plans, child plans, endowment plans, pension plans, etc. We have listed out a few top policies from different sectors. *doloremque numquam quod.*
- It is almost 64 years since the company got established.

2.2 Meetings

➤ **Meeting with a LIC agent:**

- **Name of the LIC agent:**

Khushal Rajani

- **Requirements of the Vijay Mehta:**

- Collecting Customer Information , Collecting policy records , Calculating own commission . Adding a new policy , and explaining all those policies to own customer etc...

2.3 Type of project

- Web application.

2.4 Method of collecting requirements

- Meetings / Interview.
- Observing the data gathered.

CHAPTER 3

SYSTEM REQUIREMENT SPECIFICATION

3.1 Introduction

- LIC agent is a web application that allows agents to collect their customers information and provide information about policy. And calculate own commission.

3.1.1 Purpose

- The purpose of this software is collect agent's customer information.
- Collecting policy information.
- Finding own commission.

3.1.2 Scope

- Agent can easily store client's information in mobile and computer.
- Agent can any time read client information.
- Agent can find own commission very easily.
- And agent can also store policy information and easily explain the policy information to his client.

3.1.3 Operating Environment

- Any computer device and mobile with browser can access our software.

3.1.4 User Classes

- **Admin**

- Only admin is use our software. Admin can insert , Update , Delete of client data.
- Only admin is store policy records.
- Ex. Agent is admin. Agent's store own client data and find own commission , agent can store policy information , agent can insert , update and delete data.

3.2 System Modules

- **Admin**

- Administration have all rights to perform insert / update / delete data and store information.
- Admin can store policy information.
- Admin can find own commission.

3.3 Feasibility study

A feasibility study is a preliminary investigation of a proposed system to decide whether the system can run smoothly with the organization.

3.3.1 Operational Feasibility:

Operational feasibility is the measure of how well a proposed system solves the problems, and take advantage of the opportunities identified in the requirements analysis phase of the system development.

3.3.2 Technical Feasibility:

Technical feasibility determines whether the work for the project can be done with existing equipment, software technology and available personal.

- *Operating Environment*
- *Windows : 7/8/10/11*
- *Minimum RAM : 1GB*
- *Storage : 10GB*

➤ Hardware Interface Requirements

- 512+ MB of RAM
- Multimedia keyboard and Mouse
- 1.0+ GHz Processor
- Monitor

➤ Software Interface Requirements

- Operating System: Microsoft Windows 7 or Above
- Front End Tools: PHP, HTML, Bootstrap
- Back End Tools: MySQL
- Browser specification: Google Chrome

3.3.3 Economic Feasibility:

- Economic feasibility determines whether there are sufficient benefits in creating to make the cost acceptable, or is the cost of the system too high.
- So this signifies cost benefit analysis and savings on the behalf of the cost benefit analysis.

3.3.4 Communication Requirements

- How long will it take to get the technical expertise?
- We may have the technology, but that doesn't mean we have the skill required to properly apply that technology.

3.3.5 User Interface

- In case the user is not registered. He/She can enter the details and create an account. Once the account is created user can 'login'. If the username or password is incorrect then an error message appears.

3.4 Non-functional Requirements

3.4.1 Performance Requirements

- Overall System should be fast and error-free.
- It should have built-in error checking and correction facilities.
- The system should be able to handle large amounts of data.

3.4.2 Security Requirements

- Users must Have Proper permission to perform tasks.

CHAPTER - 4

SYSTEM ANALYSIS AND MODELING

4.1 Un-Normalization & Normalization

➤ Un-Normalization

I d	Name	Passwor d	Mobile No:	Email - id	Client And policy				
					Clie nt Nam e	Ag e	Addres s	Policy_ name	Policy_det ail
1	Darshan	123	123456789	pobaru@gmail.com	Shya m	20	jamnag ar	LIC's Cancer Cover	This is a fixed benefit health plan offering payouts for treatment of cancer.
2	Rachchh	darshan	123456789	darshan@gmail.com	Lakh an	25	surat	LIC's Cancer Cover	This is a fixed benefit health plan offering payouts for treatment of cancer.

- **Normalization**

- 1. 1st Normal Form :**

- 1) Table Name :- Register

- Primary Key :- id (Auto Increment)

Id(PK)	Name	Password	Mobile No:	Email - id
1	Darshan	123	123456789	pobaru@gmail.com
2	Rachchh	darshan	123456789	darshan@gmail.com

- 2) Table Name :- Policy

id	Policy_name	Policy_detail
1	LIC's Cancer Cover	This is a fixed benefit health plan offering payouts for treatment of cancer. In case the customer is diagnosed with cancer, this plan will offer benefits irrespective of the costs incurred in the treatment. LIC Cancer Cover provides protection in case of Early Stage and Major Stage Cancer.
2	LIC's Jeevan Arogya	LIC's Jeevan Arogya is a unique non-participating non-linked plan which provides health insurance cover against certain specified health risks and provides you with timely support in case of medical emergencies and helps you and your family remain financially independent in difficult times.

2. 2nd Normal Form :

is organizing the columns (attributes) and tables (relations) of a relational database to reduce data redundancy and improve data integrity.

Here I define the second normalization

1. Table Name:- Register

Id (PK-AI)	Name	Password	Mobile No:	Email - id
1	Darshan	123	123456789	pobaru@gmail.com
2	Rachchh	darshan	123456789	darshan@gmail.com

2. Table Name : - Policy_details

Id(PK)	User_id (FK)	Policy_name	Policy_detail
1	2	Jivan Bima	LIC's Jeevan Arogya is a unique non-participating non-linked plan which...
2	1	Cancer cover	This is a fixed benefit health plan offering payouts for treatment of cancer...

4.2 Data Dictionary

A data dictionary contains metadata i.e data about the database. The data dictionary is very important as it contains information such as what is in the database, who is allowed to access it, where is the database physically stored, etc. The users of the database normally don't interact with the data dictionary, it is only handled by the database administrators.

Database Name: client

- form_no_302**

Column	Type	Null	Default	Comments
id (Primary)	int(100)	No		
User_id	int(11)	No		
Name	varchar(30)	No		
Father_full_name	varchar(30)	No		
Mother_full_name	varchar(30)	No		
Wife_full_name	varchar(30)	No		
Gender	varchar(10)	No		
Merried	varchar(10)	No		
Birth_date	int(10)	No		
Age	int(100)	No		
Proof_of_age_provided	varchar(20)	No		
Birth_place	varchar(20)	No		
Nationality	varchar(10)	No		
Citizenship	varchar(20)	No		
Correspondence_address	varchar(20)	No		
House_no1	varchar(20)	No		
City	varchar(10)	No		
District	varchar(15)	No		
State	varchar(10)	No		

Country	varchar(20)	No		
Pin_code	int(10)	No		
S_T_D	varchar(20)	No		
Policy_name	varchar(15)	No		
Address	varchar(50)	No		
House_no2	varchar(40)	No		
City2	varchar(20)	No		
District2	varchar(10)	No		
State2	varchar(10)	No		
Country2	varchar(15)	No		
Pin_code2	varchar(10)	No		
S_T_D2	int(10)	No		
Name_address_of_heir	varchar(30)	No		
Percentage_share	varchar(100)	No		
Age2	int(100)	No		
Relationship_with_insured	varchar(50)	No		
Heirs_minor	varchar(20)	No		
Relation_of_appointee_to_heir	varchar(50)	No		
Consent_signature_of_designated_person	varchar(50)	No		
Id_number	int(10)	No		
Types_of_account	varchar(20)	No		
Account_no	int(12)	No		
Micer_code	int(20)	No		
I_F_S_C	int(15)	No		
Bank_name	varchar(20)	No		
Mobile_number	int(10)	No		
Email	varchar(30)	No		
His_signature_is_to_be_insured	varchar(10)	No		

- **policy**

Column	Type	Null	Default	Comments
id (Primary)	int(10)	No		
policy_name	longtext	No		
policy_detail	longtext	No		
User_id	int(11)	No		

- **register**

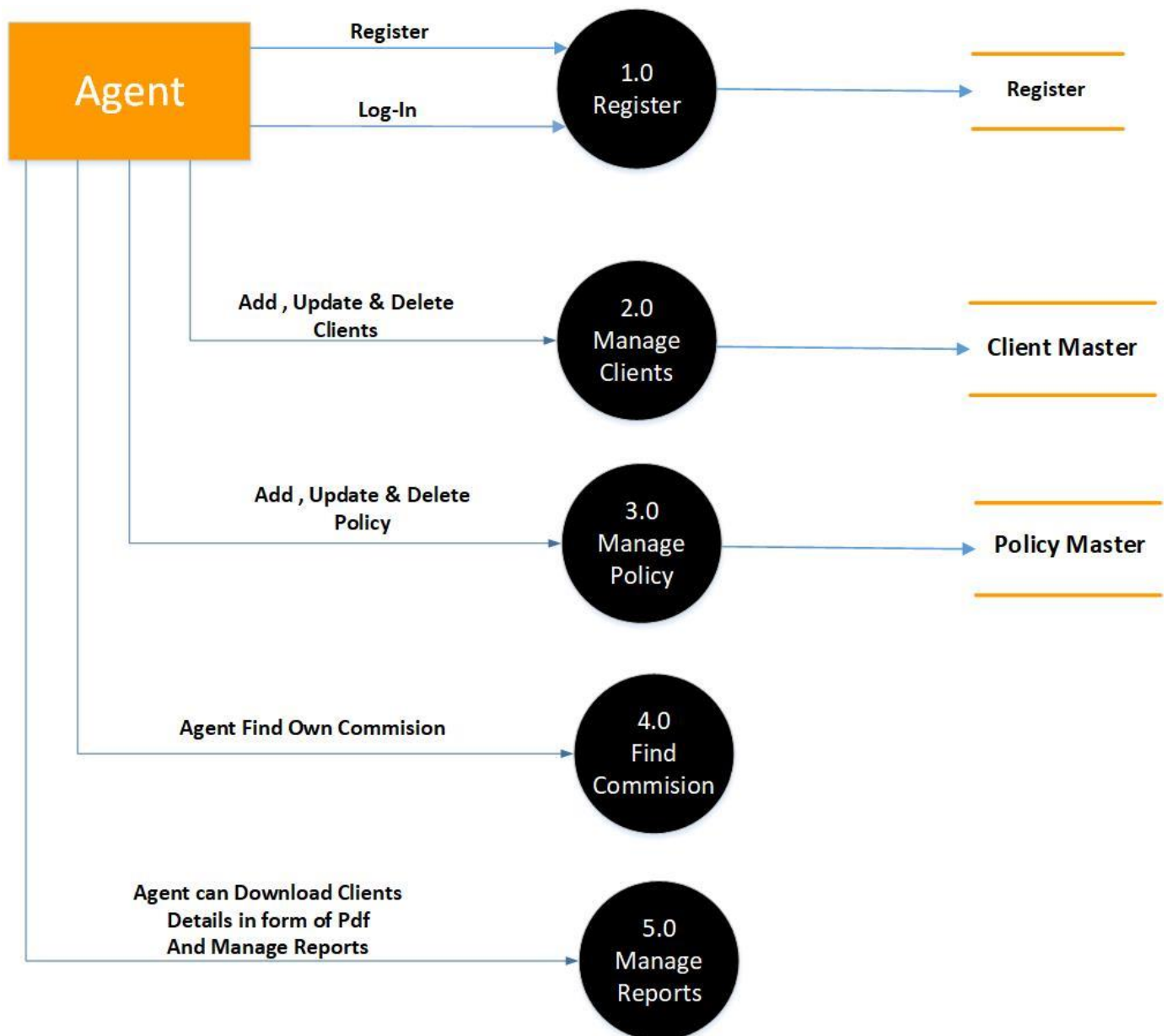
Column	Type	Null	Default	Comments
id (Primary)	int(10)	No		
Name	varchar(20)	No		
Password	varchar(10)	No		
Email_id	varchar(50)	No		
Mobile_number	int(10)	No		

4.3 Data Flow Diagram

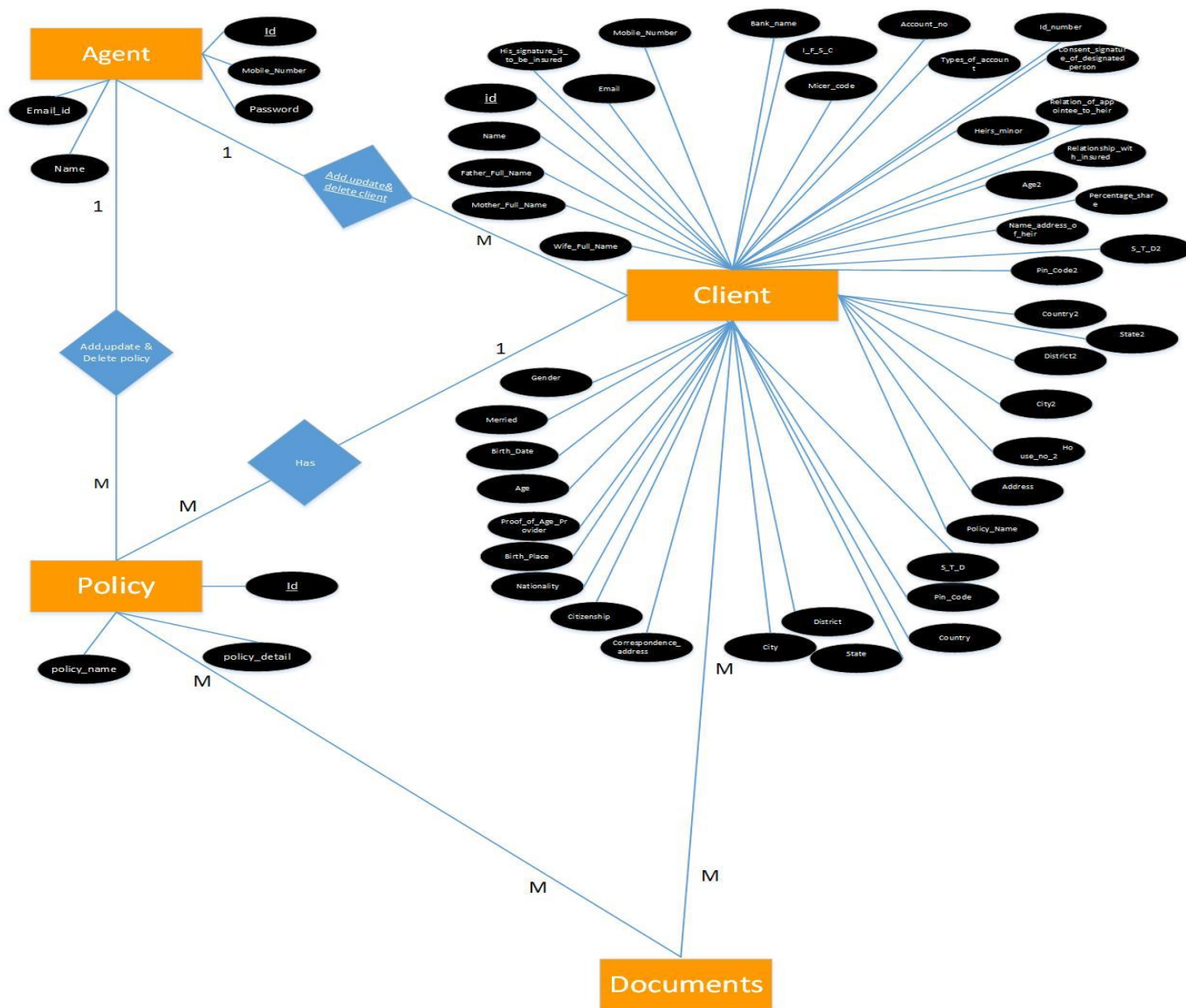
4.3.1 Context level Diagram



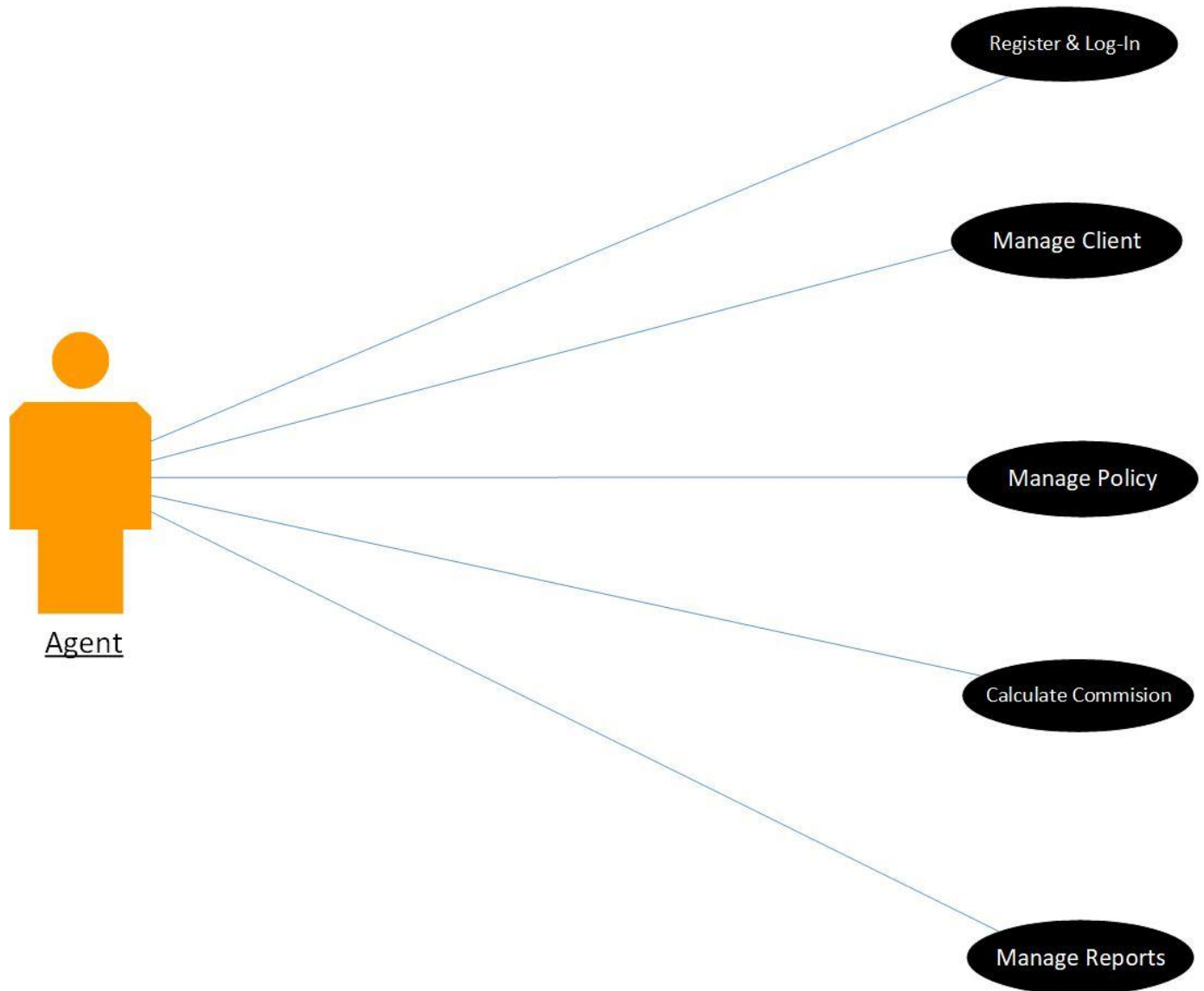
4.3.2 1st Level Diagram



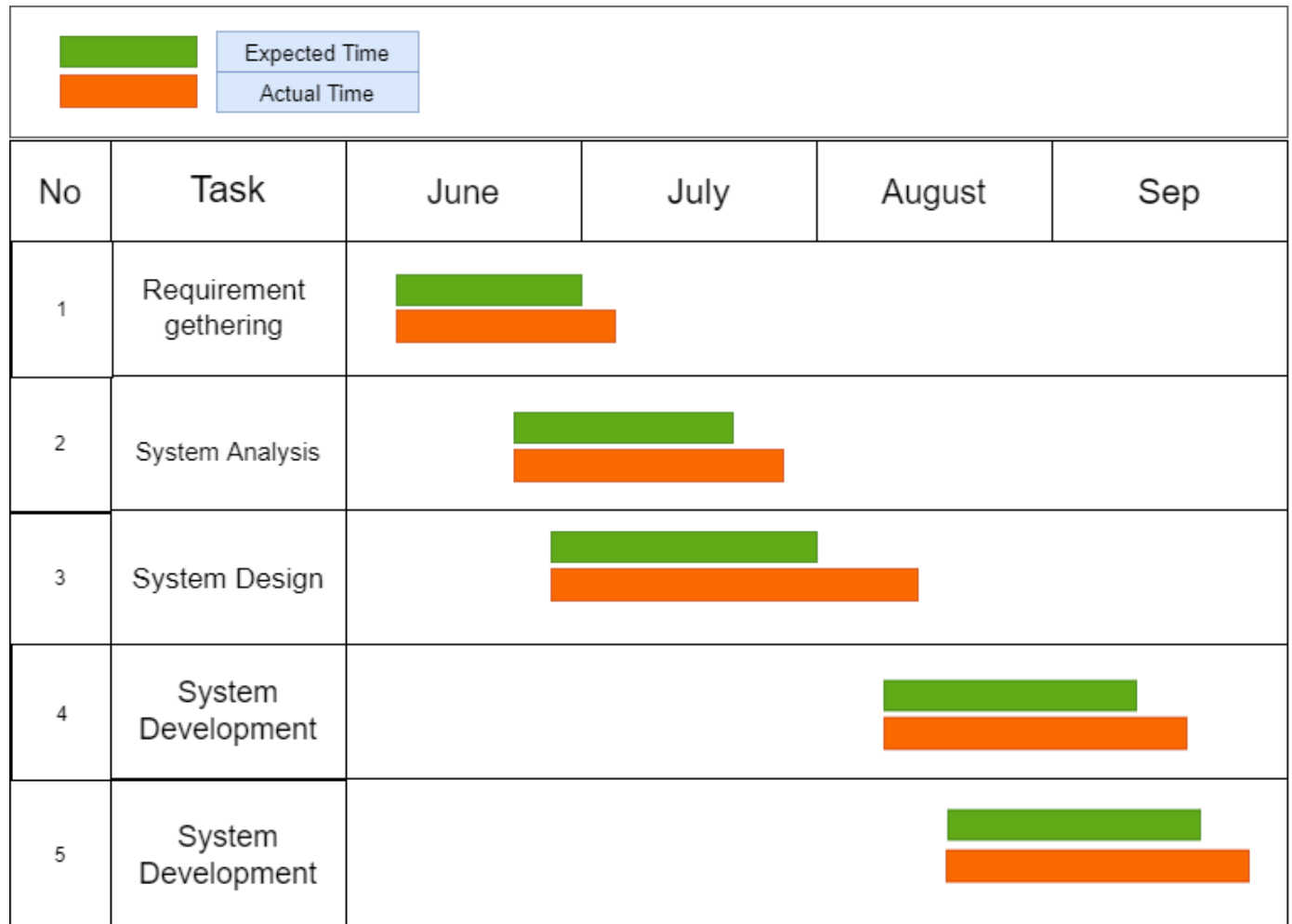
4.4 E-R Digram :



4.5 Use-case Diagram



4.6 Gantt Chart



CHAPTER - 5

TSET CASES

Login Module					
TEST CASE No. 1			TEST CASE DESIGN DATE : 19/Sep/2022		
TEST TITLE : Login Module Test			TEST CASE EXECUTION DATE : 19/Sep/2022		
DESCRIPTION : In this test case Login module would be tested					
PRECONDITION : Login Form must be working					
STEP No.	TEST STEP	TEST DATA	EXPECTED RESULT	ACTUAL RESULT	STATUS
1	Log-In Form	Login Form	Login Form is visible	Same As Expected	PASS
2	Enter Email	Darshar.gmail	Email is accepted	Invalid Email	FAIL
3	Enter Password	darshan	Password is accepted	Same As Expected	FAIL
4	Click Login Button	Button Click	Check Credentials	Same As Expected	FAIL

* Note :- Email is not accepted in above test case due to invalid format.

Signup Module

TEST CASE No. 2

TEST CASE DESIGN DATE :
20/Sep/2022

TEST TITLE : Signup Module Test

TEST CASE EXECUTION DATE : 20/Sep/2022

DESCRIPTION : In this test case Signup Activity would be tested

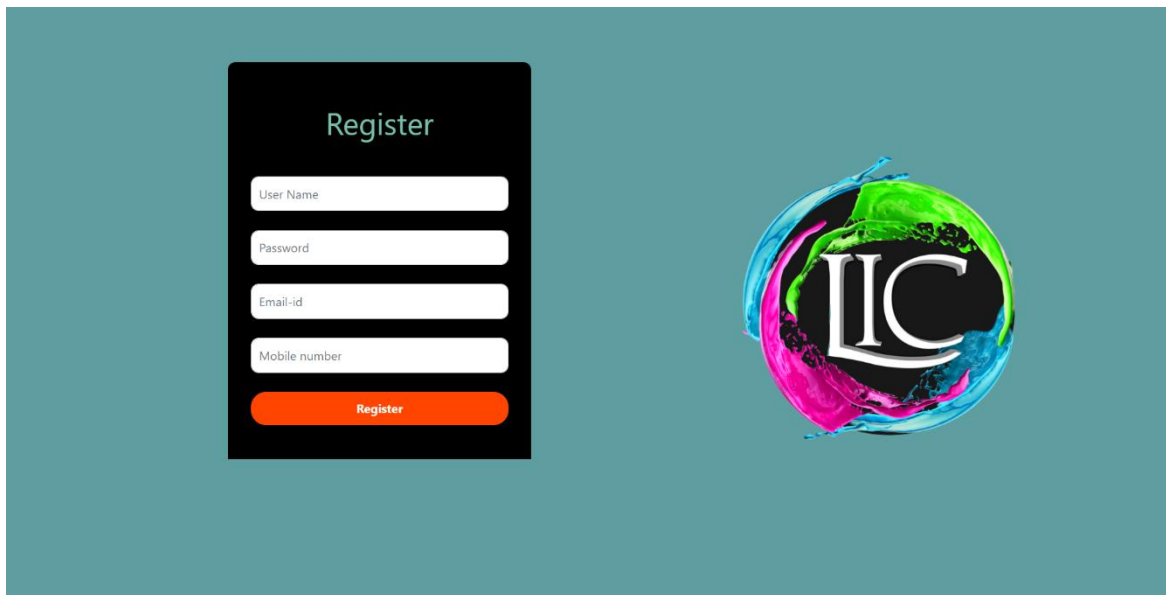
PRECONDITION : Register Form must be working

STEP No.	TEST STEP	TEST DATA	EXPECTED RESULT	ACTUAL RESULT	STATUS
1	Register page	Register page	All fields are visible	Same As Expected	PASS
2	Enter All Fields	Data	Check Data Integrity	Same As Expected	PASS
3	Click Register Button	Button Click	Register is done With all Validation	Same As Expected	PASS

CHAPTER - 6

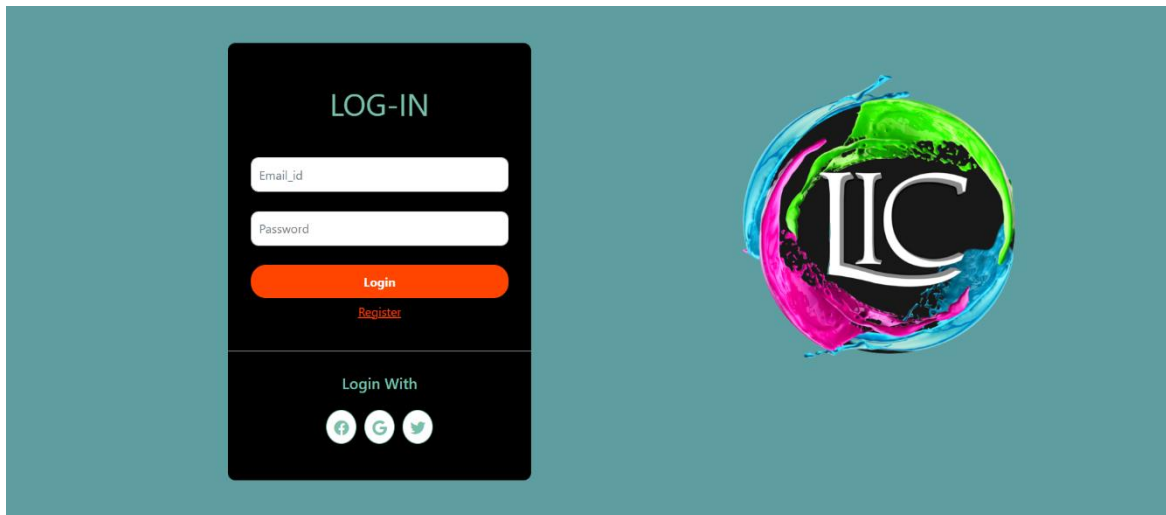
SCREENSHOT

- **Admin side**
 - 1. Register Page**

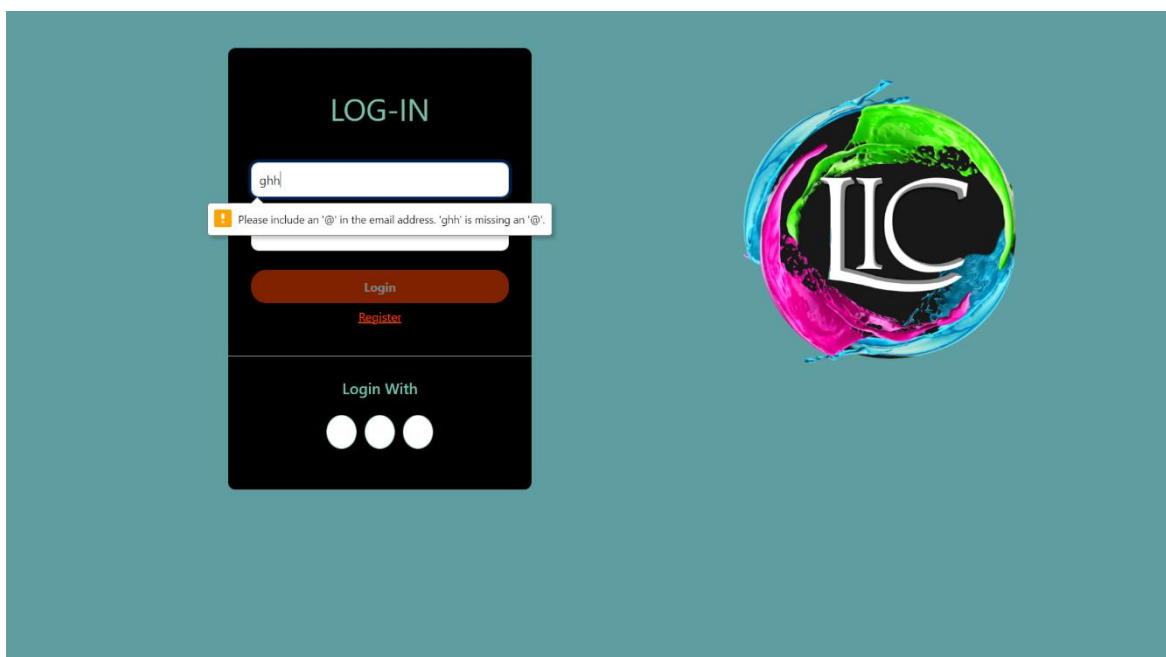
The screenshot shows a registration form titled "Register" on a dark background. The form contains four input fields: "User Name", "Password", "Email-id", and "Mobile number". Below these fields is an orange "Register" button. To the right of the form is the LIC logo, which features the letters "LIC" in white, set against a circular background with colorful, swirling patterns in shades of blue, green, and pink.

- In This the User can log in with name, Mobile Number, and Email.
- User password and confirm password must be the same otherwise user can not register.

2. Login Page

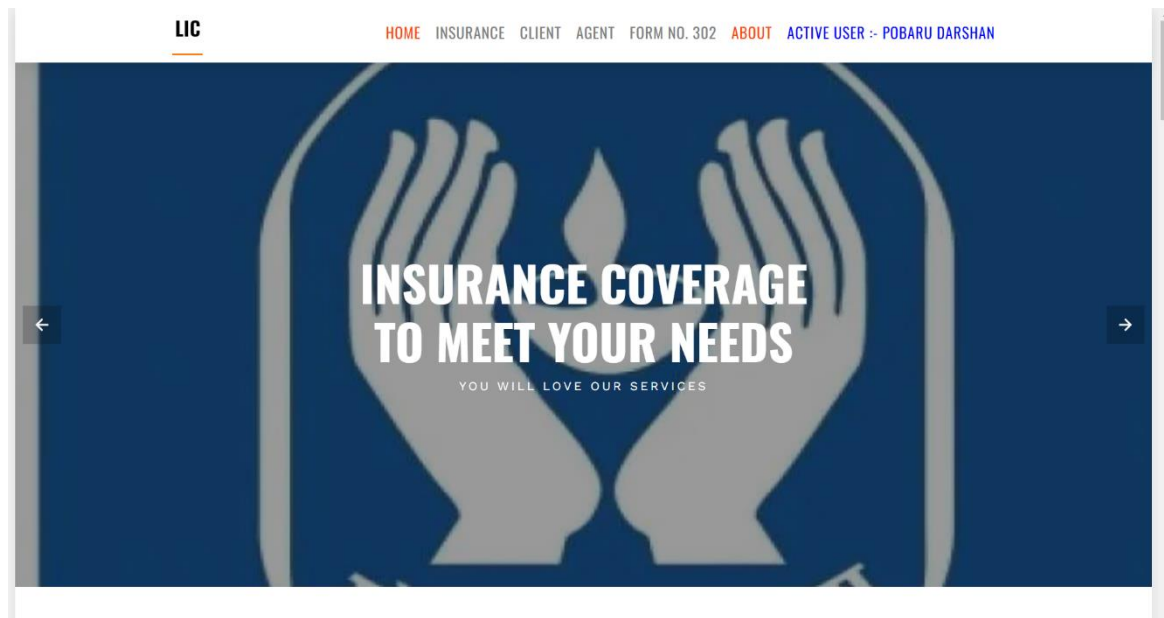


- After registration is completed the user can log in with their credentials.
- If the user inputs the wrong credentials an error will be generated.



- Invalid Email format

3. Dashboard



- This photo is User Dashboard

4. Insurance page

The screenshot shows the LIC Insurance page. At the top, there is a navigation bar with the LIC logo and links: HOME, INSURANCE, CLIENT, AGENT, FORM NO. 302, ABOUT, and ACTIVE USER :- POBARU DARSHAN. Below the navigation bar, there is a form to add a new policy. The form has two sections: "Enter Policy Name" with a text input field, and "Enter Policy Details" with a larger text area. Below the text area is a blue button labeled "Add policy". To the right of the form is a large circular logo with the letters "LIC" in the center, surrounded by colorful splashes of paint. Below the form and logo, there is a dark blue footer section. The footer contains an "About" section with the text "We have tried to fulfill all the requirements of the agent in this software." and a "Read More" button. To the right of the "About" section are "Social Icons" for Facebook, Twitter, Instagram, and YouTube. At the bottom of the footer, it says "Copyright © 2022 All Rights Reserved".

- Add new Policy.

The screenshot shows the LIC Insurance page with a grid of policy options. At the top, there is a navigation bar with the LIC logo and links: HOME, INSURANCE, CLIENT, AGENT, FORM NO. 302, ABOUT, and ACTIVE USER :- POBARU DARSHAN. Below the navigation bar, there is a grid of six policy cards. Each card has a title, a description, and a "Read More" button. The cards are: "The Whole Life Policy", "The Whole Life Policy - Limited Payment", "LIC's Komal Jeevan", "LIC's New Jeevan Mangal", "LIC's Jeevan Arogya", and "LIC's Cancer Cover". Below the grid is a blue button labeled "Add Insurance". At the bottom of the page, there is a dark blue footer section. The footer contains an "About" section with the text "We have tried to fulfill all the requirements of the agent in this software." and a "Read More" button. To the right of the "About" section are "Social Icons" for Facebook, Twitter, Instagram, and YouTube. At the bottom of the footer, it says "Copyright © 2022 All Rights Reserved".

- Display Policy Records.

LIC

HOMEINSURANCECLIENTAGENTFORM NO. 302ABOUTACTIVE USER :- POBARU DARSHAN


Enter Policy Name

The Whole Life Policy

Enter Policy

This plan is mainly devised to create an estate for the heirs of the policyholder as the plan basically provides for payment of sum assured plus bonuses on the death of the policyholder. However, considering the increased longevity of the Indian population, the Corporation has

Update policy







About

We have tried to fulfill all the requirements of the agent in this software.

Read More

Social Icons



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- Update Policy Record.

5. Client

The screenshot displays the 'LIC AGENT' software interface. At the top, there is a navigation bar with links: HOME, INSURANCE, CLIENT, AGENT, FORM NO. 302, ABOUT, and ACTIVE USER :- POBARU DARSHAN. Below the navigation bar, there is a form for adding a new client. The form consists of five input fields: 'Enter Name', 'Enter Age', 'Enter Mobile Number', 'Enter Email-Id', and 'Enter Address'. A blue button labeled 'Click to Add client' is positioned below the 'Enter Address' field. At the bottom of the interface, there is a dark blue footer section containing an 'About' section with a 'Read More' button and 'Social Icons' for Facebook, Twitter, Instagram, and YouTube. The footer also includes a copyright notice: 'Copyright © 2022 All Rights Reserved'.

- Agent can add new clients details.

The screenshot displays the 'LIC AGENT' software interface, showing a table of client records. The table has columns for Id, Name, Age, Mobile, Email, Address, Delete, Update, and Fill the form. Below the table, there is a blue button labeled 'Add client'. At the bottom of the interface, there is a dark blue footer section containing an 'About' section with a 'Read More' button and 'Social Icons' for Facebook, Twitter, Instagram, and YouTube. The footer also includes a copyright notice: 'Copyright © 2022 All Rights Reserved'.

Id	Name	Age	Mobile	Email	Address	Delete	Update	Fill the form
40	darshan	18	942587485	Love@gmail.com	jamnagar	Delete	Update	form_no_302
51	parin	18	2147483647	parin@gmail.com	kalavad	Delete	Update	form_no_302
52	shyam	18	56565665	shyam@gmail.com	rajkot	Delete	Update	form_no_302
53	meet	18	26262626	meet@gmail.com	jamnagar	Delete	Update	form_no_302

- Display all clients records.

LIC

HOMEINSURANCECLIENTAGENTFORM NO. 302ABOUTACTIVE USER :- POBARU DARSHAN

Enter Name

darshan

Enter Age

18

Enter Mobile Number

942587485

Enter Email-Id

Love@gmail.com

Enter Address

jamnagar

Enter Policy Name

Enter policy name





Update

About

We have tried to fullfill all the requirements of the agent in this software.

Read More

Social Icons



Copyright © 2022 All Rights Reserved

- Update client details.

6. Form_no_302 details table

LIC												
HOME INSURANCE CLIENT AGENT FORM NO. 302 ABOUT ACTIVE USER :- POBARU DARSHAN												
નામ : શ્રી/શ્રીમતી/શ્રીમાન	પિતાનું પૂરું નામ	માતાનું પૂરું નામ	પત્નીનું પૂરું નામ	વૈવાહિક દરજ્જો	ઉંમર વર્ષ	ગામ/શહેર	જિલ્લો	રાજ્ય	પીનકોડ	More Info	Delete	Update
darshan	sureshbhai	shilaben	love	non-marrid	18	jamnara	jamnagar	gujarat	361005	read-more..	Delete	Update
parin	maheshbhai	xyz	xyz	non-marrid	18	jamnagar	jamnagar	gujarat	361001	read-more..	Delete	Update
shyam	Rajubhai	illa ben	xyz	non-marrid	18	jamnara	jamnagar	gujarat	2512121	read-more..	Delete	Update
meet	xyz	xyz	xyz	non-marrid	18	jamnagar	jamnagar	gujarat	361001	read-more..	Delete	Update

About

We have tried to fulfill all the requirements of the agent in this software.

[Read More](#)

Social Icons

[f](#)
[t](#)
[@](#)
[v](#)

Copyright © 2022 All Rights Reserved

- Here agent can fill form_no_302. Form_no_202 is mainly used for taking policy for people above 18 years age.

7. Form_no_302

The image shows a screenshot of the LIC Form No. 302, which is a form for the 'LIC Agent' (LIC AGENT). The form is titled 'LIC AGENT' and 'Form No. 302'. It contains various fields for personal and professional information, including name, address, date of birth, and educational qualifications. The form is divided into sections for 'Personal Details', 'Professional Details', and 'Declaration'. The 'Personal Details' section includes fields for name, address, date of birth, and gender. The 'Professional Details' section includes fields for education, experience, and other relevant information. The 'Declaration' section includes a statement of truth and a signature line. The form is presented in a clean, professional layout with a white background and black text.

- Fill the form_no_302.

8. Agent Commission

LIC [HOME](#) [INSURANCE](#) [CLIENT](#) [AGENT](#) [FORM NO. 302](#) [ABOUT](#) [ACTIVE USER :- POBARU DARSHAN](#)

AGENT COMMISSION

Enter Premium: 8000 Enter Insurance Year: 5

[Submit](#)

Number Of Year	Commision
1 Year Commision	Rs.2800
2 Year Commision	Rs.600
3 Year Commision	Rs.600
4 Year Commision	Rs.400
5 Year Commision	Rs.400
Total Insurance Of Commision	Rs.4800

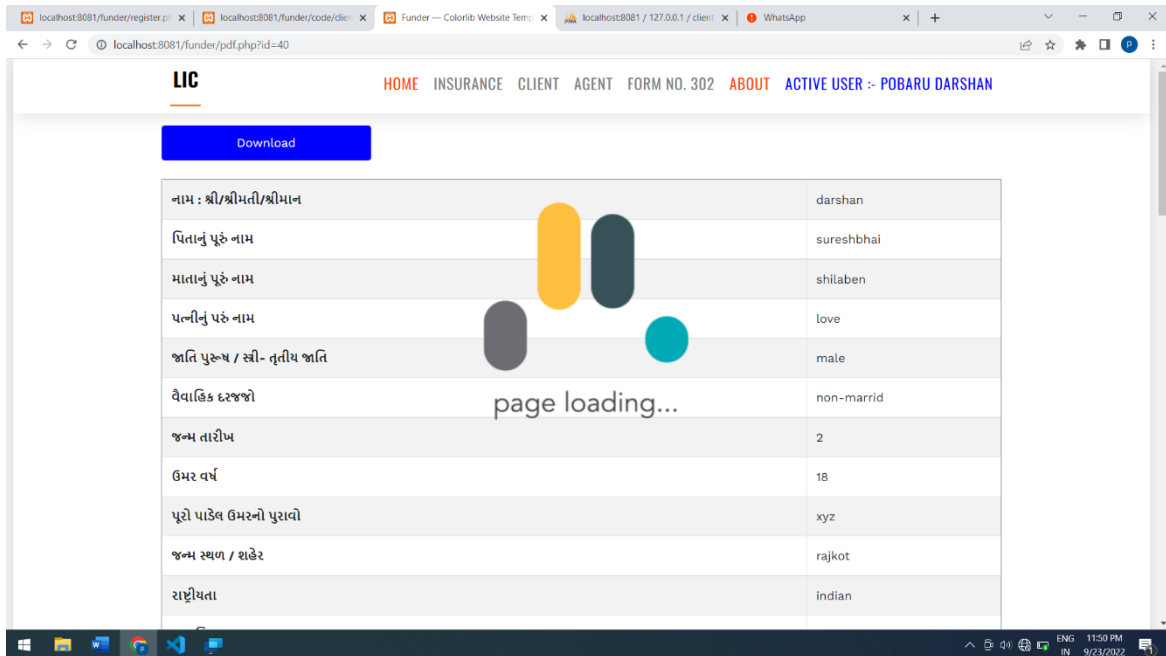
[About](#) [Social Icons](#)

You have found and fulfilled all the requirements

- Agent can find own commission per client.

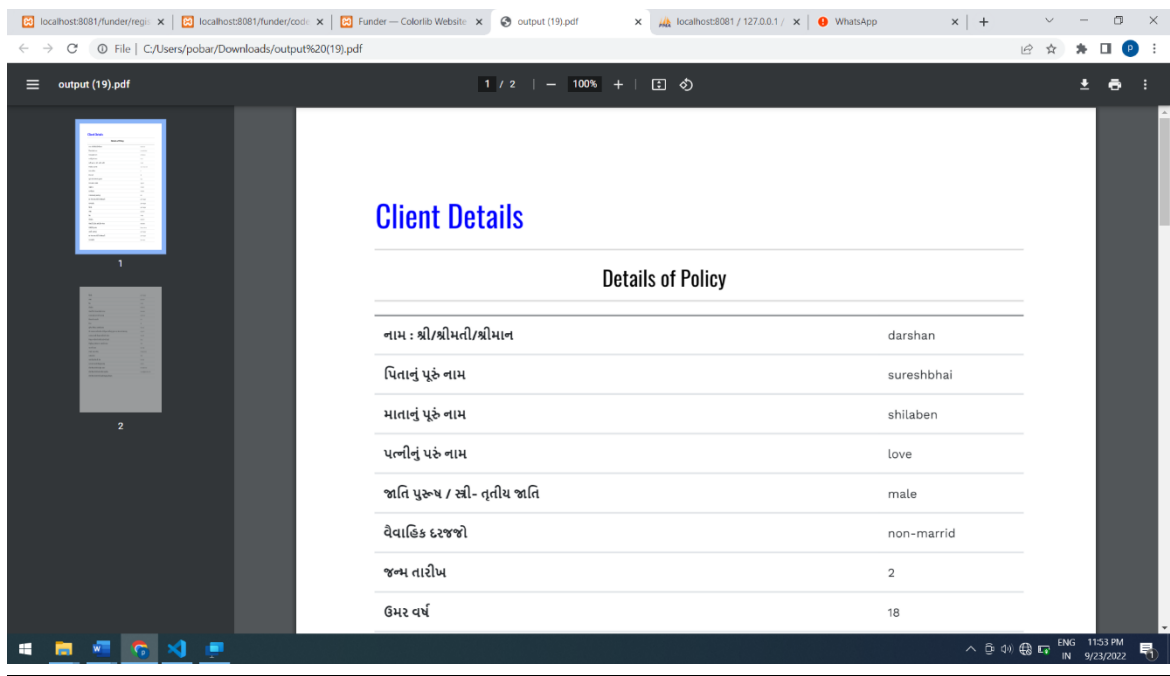
- Agent can view full records his clients.

10. Download PDF



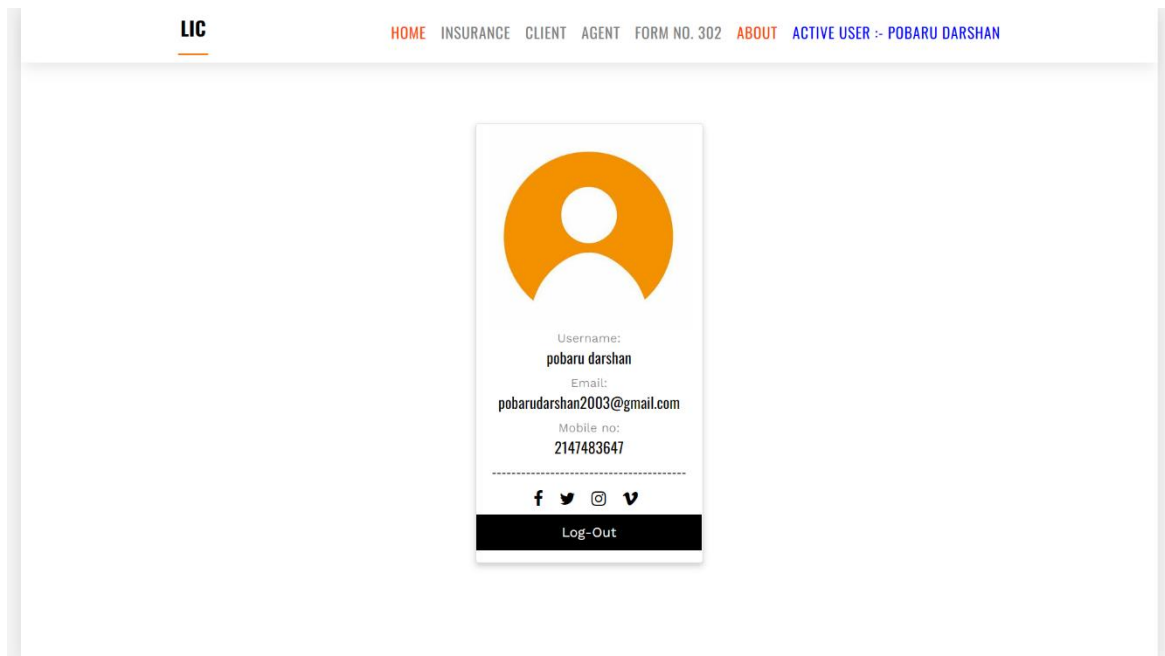
- Agent can download pdf for client details.

11. PDF view



- This is pdf view of client details

12. Log-out Page



- Log-out Page.

CHAPTER - 7

Limitations and Future Enhancements

7.1 LIMITATIONS: -

- The figure of commission received is no exact.
- It takes some time to download the pdf.
- Records once deleted do not come back.

7.2 FUTURE ENHANCEMENTS: -

- Records can be stored very easily.
- Easily find own commission.
- Data view in pdf format.

CHAPTER - 8

Conclusion

- This software is a mostly useful agent agent. Agent can store client information and store policy records. With fully security. agent can insert , update and remove client data. And add new policy and change policy records also can remove policy records.
- Agent can find own commission(Only enter two values).
- Agent can download pdf for it's client records and store permanent.

CHAPTER - 9

References and Bibliography

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- <https://www.w3schools.com/>
- <https://getbootstrap.com/>
- <https://www.tutorialrepublic.com/>

BOOK

- *Bharat and company PHP Book*
- *C.Jamnadas & Co. HTML Book*