A PROJECT REPORT ON <u>LIC AGENT</u>

SUBMITTED BY

Mr. Pobaru Darshan Mr. Rachchh Darshan

ACADEMIC YEAR 2021-22 T.Y B.C.A. SEM - 5

UNDER THE GUIDANCE OF

Mr. Khushal Rajani Mr. Imran Modi

SMT. C.Z.M GOSRANI B.C.A. COLLEGE JAMNAGAR

SUBMITTED TO



SAURASHTRA UNIVERSITY RAJKOT

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OSHWAL EDUCATION TRUST MANAGED

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Ref: CZMG/15/2022-23/16

Date: 15/09/2022

CERTIFICATE OF PROJECT COMPLETION

This is to certify that

Pobaru Darshan S. L Rachchh Darshan R.

of BCA Semester 5 of Smt. C.Z.M.G. BCA College affiliated to Saurashtra University Rajkot, have completed the project on "LIC Agent" based on institute requirements during Semester 5.

Mr. Khushal Rajani

CODE GUIDE

Mr. Imran Modi

DOCUMENT GUIDE

EXAMINER NAME & SIGN

EXAM DATE: 04/10/2022

ABSTRACT

LIC agent is a Web application for all LIC agents. With the help of this application, the LIC agent can save all the information of its customers. And the LIC agent can also know how much commission he gets. In addition, each policy can get information about it. and the agent can also calculate how much the customer will benefit from which policy.

Even nowadays many LIC agents are seen using different types of materials for commission and for their clients to understand the policy. And it is a bit difficult to explain all the policy information in one paper.

All these limitations are removed by the LIC agent application. With the help of this web application, the LIC agent can save the details of his client in any place on his mobile and also find out the commission he gets himself. You will not need different materials to explain about policy. It can easily explain about each policy with the help of this LIC agent application in mobile.

ACKNOWLEDGEMENT

We feel great pleasure in submitting this project report as a part of our B.C.A. Semester 5 curriculum. A practical study plays an important role.

For the successful completion of our project, we would especially like to thank our parents for their support and unconditional help. We would also like to thank our Project Guide Khushal Rajani for their constant support and help in implementation of this project.

We are also thankful to our Principal Ma'am, Ms. Hetal G. Savla for all the facilities they provided throughout our semester and for encouraging us to take up this activity.

Lastly, we would also like to thank the faculties and staff members of Smt. C.Z.M. Gosrani B.C.A. College, Jamnagar.

PROJECT PROFILE

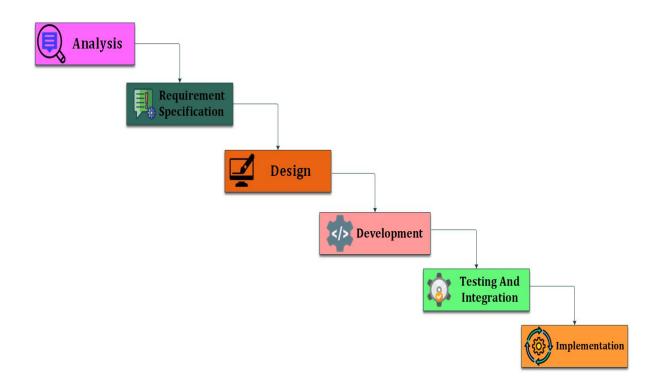
STUDENT INFORMATION				
Name	Enrollment Numbers			
Mr. Pobaru Darshan	00320320879			
Mr. Rachchh Darshan	00320320880			
PROJECT	DETAILS			
Project Title	LIC agent			
Duration	4 Months			
Name of Project	LIC agent			
Platform	PHP MySQL			
Team Size 2				
GUIDE INF	ORMATION			
Name of Guide Mr. Khushal Rajani				

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CHAPTER 1 OVERVIEW OF THE ACCCEPTED 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

o 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

o 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

o Front End Tools: PHP, HTML, Bootstrap

Back End Tools: MySQL

o 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.

SYSTEM ANALYSIS AND MODELING

4.1 Un-Normalization & Normalization

> Un-Normalization

l d	Name	Passwor d	Mobile No:	Email - id	Client And policy					
1	Darshan	123	123456789	pobaru@gmai I.com	Clie nt Nam e	Ag e	Addres s	Policy_ name	Policy_det ail	
					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@gma il.com	Clie nt Nam e	Ag e	Addres s	Policy_ name	Policy_det ail	
					Lakh	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	Туре	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		

00320320879 00320320880

Pin_code i S_T_D v	varchar(20) int(10) varchar(20)	No No	
S_T_D \		No	
	varchar(20)		<u> </u>
Delian agent		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 i	int(10)	No	
Name_address_of_heir	varchar(30)	No	
Percentage_share v	varchar(100)	No	
Age2 i	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 v	varchar(50)	No	
ld_number i	int(10)	No	1
Types_of_account v	varchar(20)	No	
Account_no i	int(12)	No	
Micer_code i	int(20)	No	
I_F_S_C i	int(15)	No	
Bank_name v	varchar(20)	No	
Mobile_number i	int(10)	No	
Email	varchar(30)	No	
His_signature_is_to_be_insured	varchar(10)	No	

policy

Column	Туре	Null	Default	Comments
id (<i>Primary</i>)	int(10)	No		
policy_name	longtext	No		
policy_detail	longtext	No		
User_id	int(11)	No		

• register

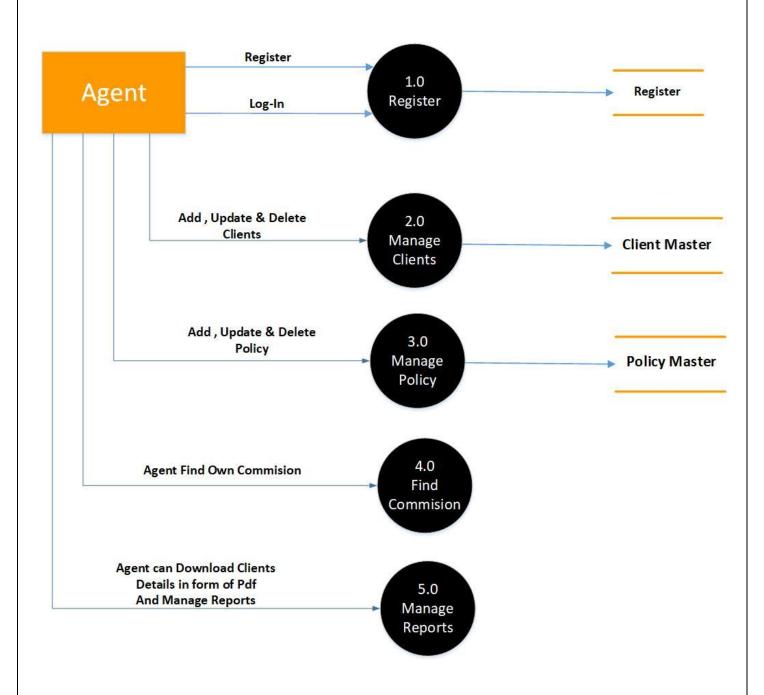
Column	Туре	Null	Default	Comments
id (<i>Primary</i>)	int(10)	No		
Name	varchar(20)	No		
Password	varchar(10)	No		
Email_id	varchar(50)	No		
Mobile_number	int(10)	No		

4.3 Data Flow Diagram

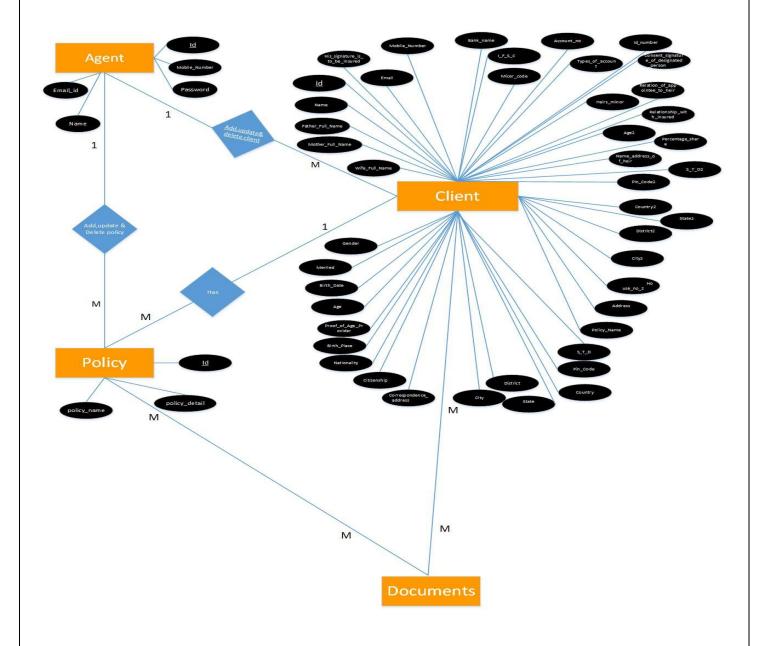
4.3.1 Context level Diagram



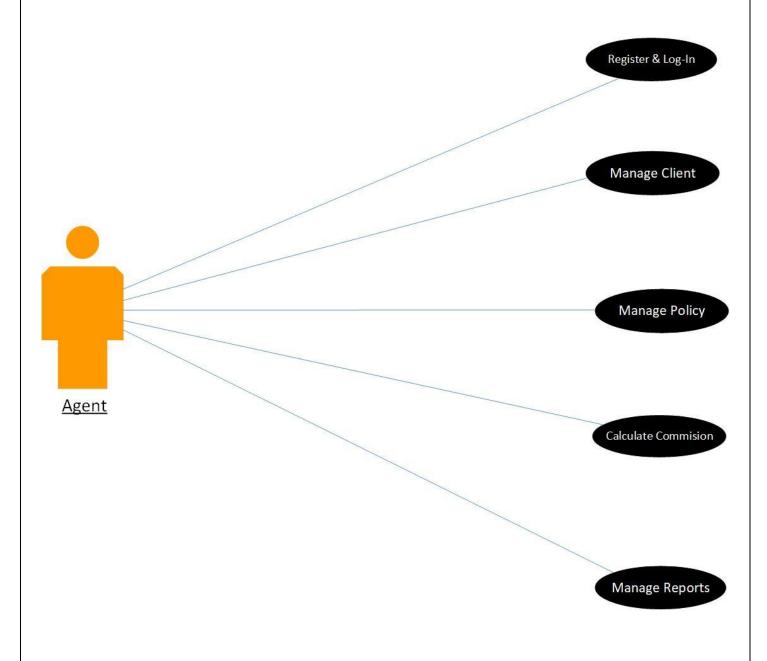
4.3.2 1st Level Diagram



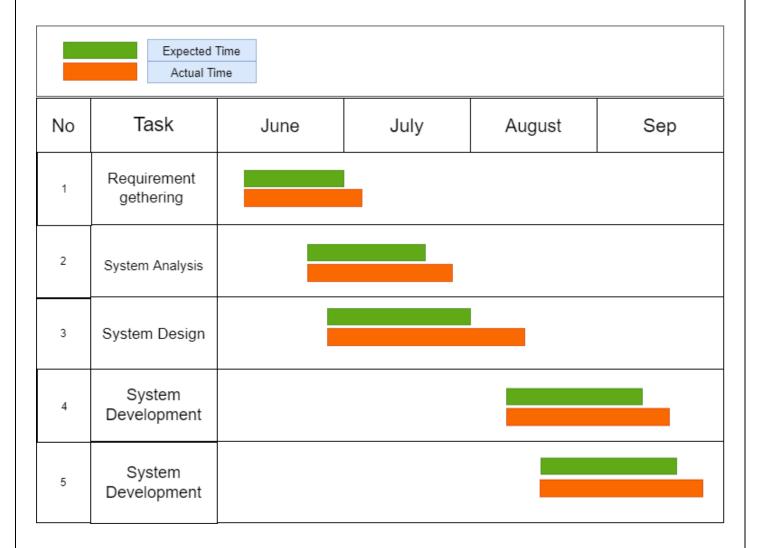
4.4 E-R Digram:



4.5 Use-case Diagram



4.6 Gantt Chart



TSET CASES

Login Module									
TEST CASE No. 1			TEST CASE DESIGN DATE: 19/Sep/2022						
TEST TI	ΓLE : 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	TEST STEP	TEST DATA	EXPECTED	ACTUAL	STATUS				
No.			RESULT	RESULT					
1	Log-In Form	Login Form	Login Form is	Same As	PASS				
			visible	Expected					
2	Enter Email	Darshar.gmail	Email is	Invalid	FAIL				
			accepted	Email					
3	Enter Password	darshan	Password is	Same As	FAIL				
			accepted	Expected					
4	Click Login	Button Click	Check	Same As	FAIL				
	Button		Credentials	Expected					

^{*} 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 TIT	TLE : Signup Module	Test	TEST CASE EXECUTION DATE : 20/Sep/2022						
DESCRIPTION: In this test case Signup Activity would be tested									
PRECONDITION: Register Formmust be working									
STEP	TEST STEP	TEST DATA	EXPECTED	ACTUAL	STATUS				
No.			RESULT	RESULT					
1	Register page	Register	All fields are	Same As	PASS				
		page	visible	Expected					
2	Enter All Fields	Data	Check Data	Same As	PASS				
			Integrity	Expected					
3	Click Register	Button Click	Register is	Same As	PASS				
	Button		done	Expected					
			With all						
			Validation						

SCREENSHOT

- Admin side
 - 1. Register Page



- 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.



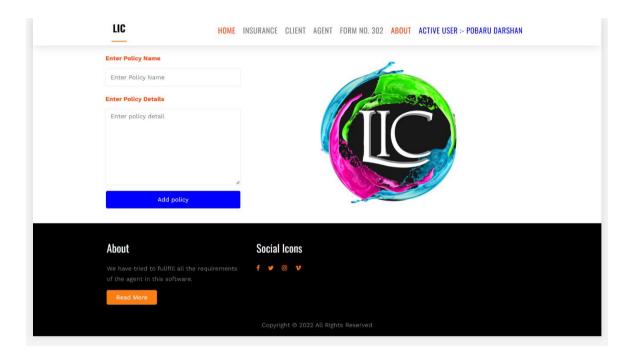
• Invalid Email format

3. Dashboard

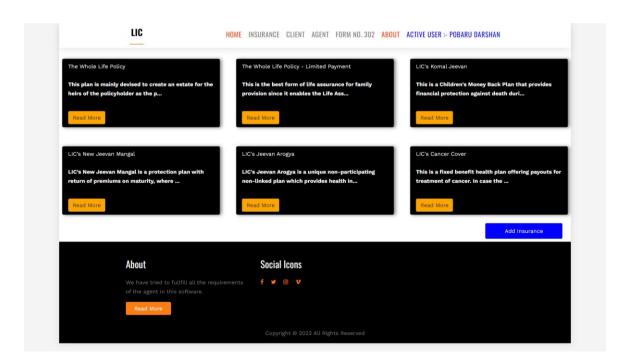


This photo is User Dashboard

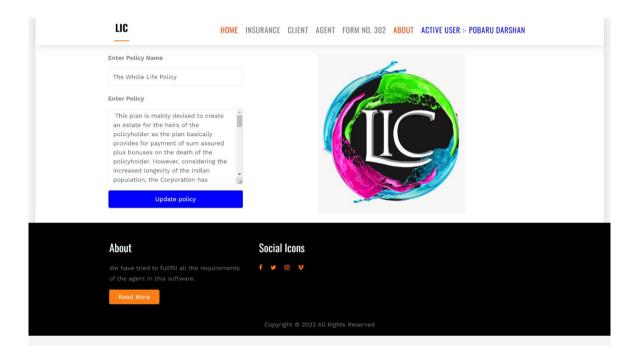
4. Insurance page



• Add new Policy.

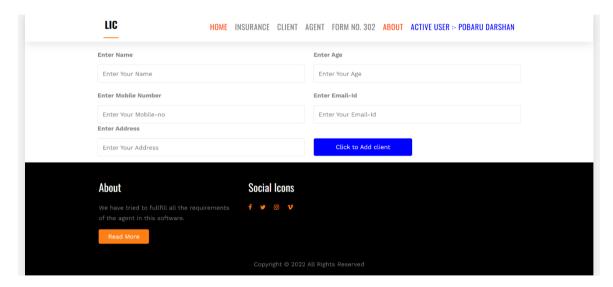


• Display Policy Records.

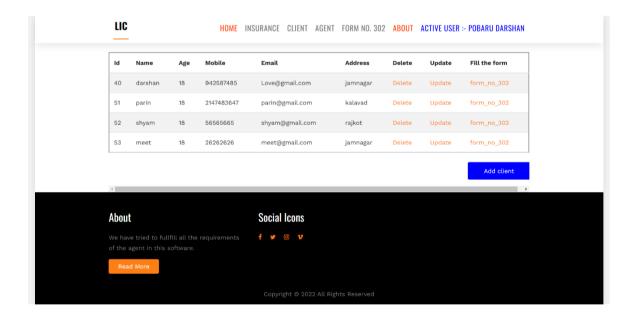


• Update Policy Record.

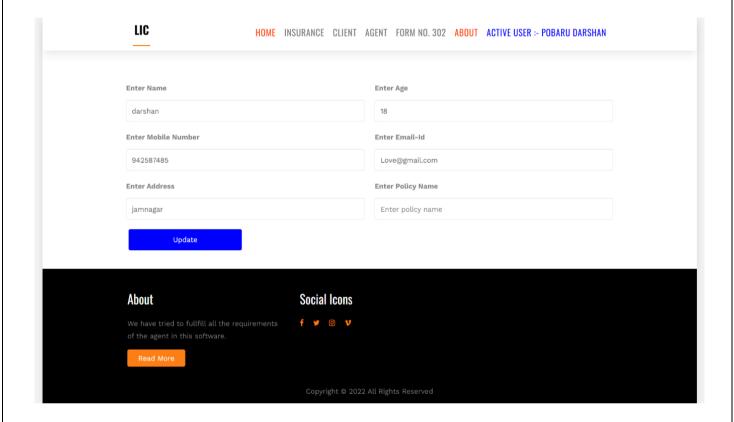
5. Client



• Agent can add new clients details.

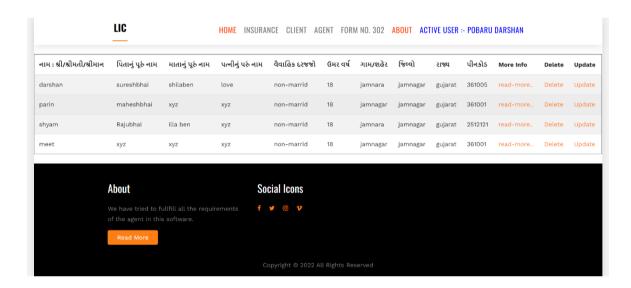


• Display all clients records.



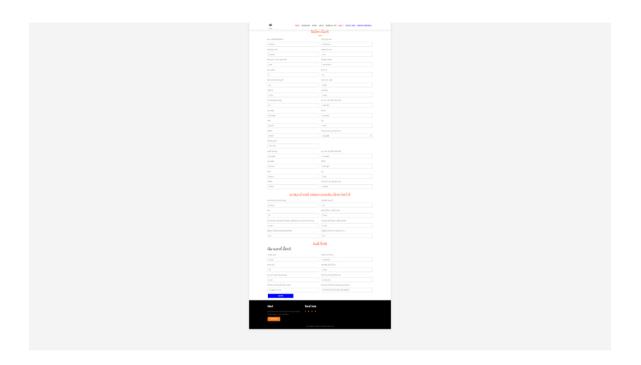
• Update client details.

6. Form_no_302 details table



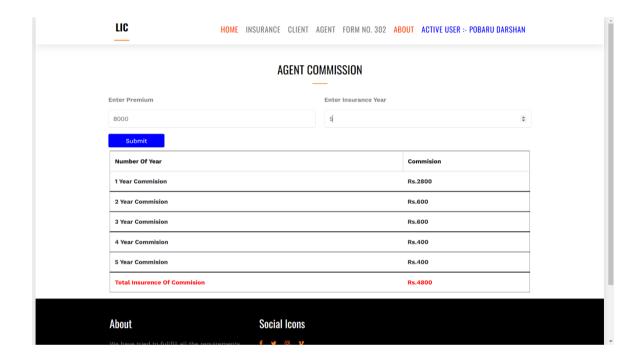
 Here agent can fill form_no_302. Form_no_202 is mainly used for taking policy for people above 18 years age.

7. Form_no_302



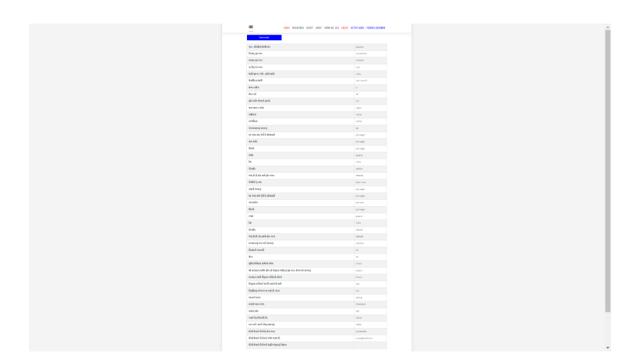
• Fill the form_no_302.

8. Agent Commission



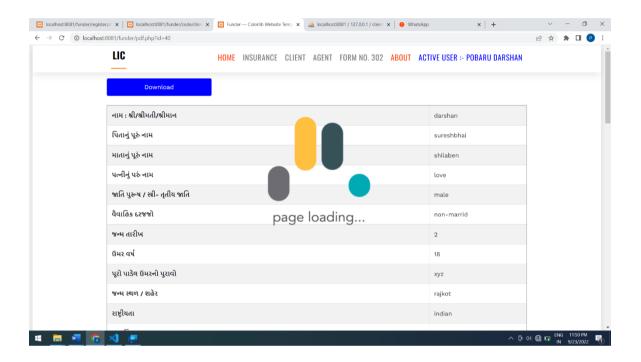
• Agent can find own commission per client.

9. View client records



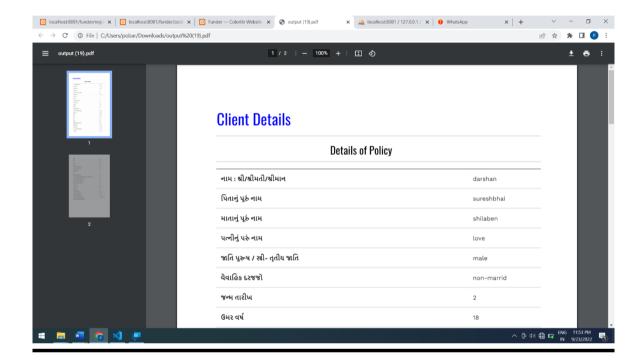
• Agent can view full records his clients.

10. Download PDF



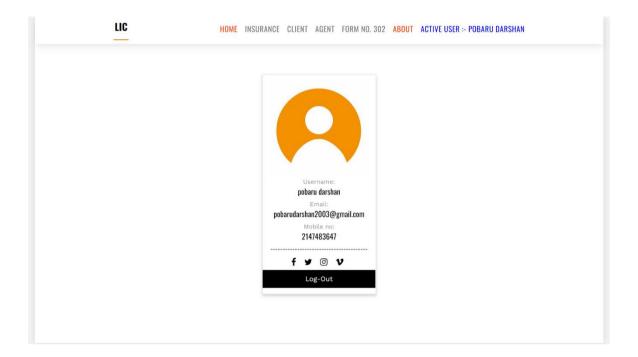
• Agent can download pdf for client details.

11. PDF view



• This is pdf view of client details

12. Log-out Page



• Log-out Page.

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.

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.

References and Bibliography

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- https://www.tutorialrepublic.com/

ВООК

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- > C.Jamnadas & Co. HTML Book