

General Insurance

Case Study



Topic – General Insurance System

Domain - Finance

Project Abstract & Problem Statement:

The existing insurance systems require an agent to act as a mediator between the insurance company and the customer. This leads to extra charges of payments in terms of brokerage and token money to the customer. There is no existing provision for tracking the status of insurance application of the customer. The customer document verification needs to be done by the agent by manually visiting the customer or by having the customer visit the company centre.

LTI Insurance is a project under finance domain developed in order to remove all the existing problems prevailing in the current insurance firms. The aim is to develop a user friendly, secure, error free online application where the user can buy insurance policies, renew them and claim the insurance. The user will also be able to read detailed yet easy to understand excerpts about different insurance policies provided by the application.

This application is will be developed to cater to the needs of customers who are looking for an easy to use and responsive web application in order to buy vehicle insurance or travel insurance.

Mandatory Modules:

1. Buy insurance
2. Renew insurance (Only motor)
3. Calculate insurance estimate
4. Claim insurance

- **Buy insurance**

The user will be able to click on which insurance he wants (motor insurance or travel insurance). Accordingly, he will be asked to fill necessary information. Then a payment will be made to LTI Insurance for the respective insurance policy. Finally, a policy number will be generated, and the user will get insurance on his vehicle or traveling. ☐

- **Renew insurance (only for motor)**

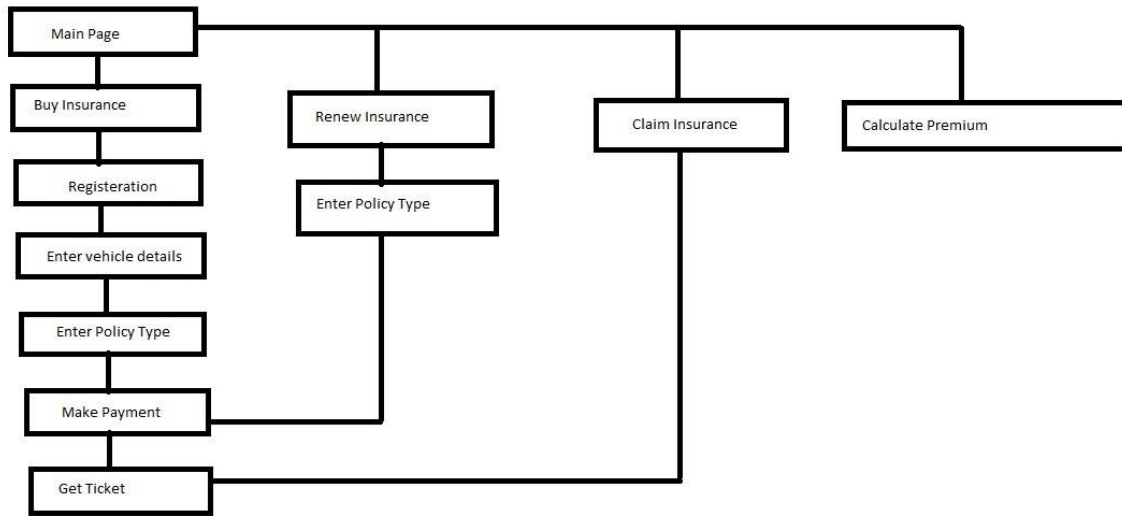
The user will be able to renew his insurance policy after it is expired. User must click on renew insurance link, enter his previous policy number and make payment according to the value of his policy. Thus, the policy will be renewed.

- **Calculate insurance estimate**

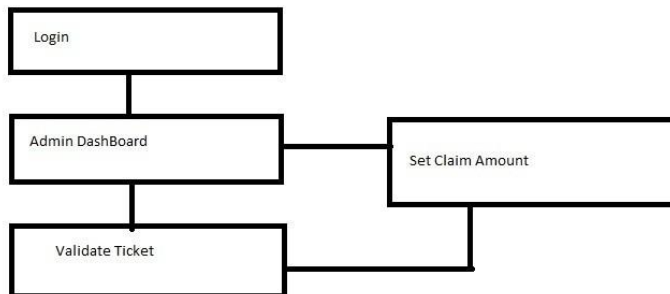
In case the user is not sure about buying insurance and just wants to know the value of his desired insurance policy, he can simply choose the type of insurance (motor or travel), enter the required information and generate the price of the policy.

Sample Output Screen for reference:

User:



Admin



Homepage

<div>LOGO</div> <div>Vehicle Insurance</div>	
<div>Login Contact About Us Help FAQ</div>	
<div>Why Insurance?</div>	<div><div>Buy Insurance</div><div>Renew Insurance</div><div>Claim Insurance</div><div>Estimate Insurance Calculation</div></div>

Buy Insurance

When the customer clicks on Buy Insurance, he must select whether he wants to buy insurance for 2wheeler or 4wheeler. Then he must fill the detailed information about vehicle.

Buy Insurance

4 wheeler Insurance

2 wheeler Insurance

Enter car/bike manufacturer

Enter car/bike model

Enter driving licence

Enter purchase date

Enter Registration number

Enter Engine number

Enter Chassis number

Submit

After entering vehicle details, customer must select the plan and duration of the Insurance and make payment for the same.

Plans

Choose your plan

Third Party LiabilityComprehensive

Choose your

One yearTwo yearThree year

Make Payment

Policy Number

Mobile Number

Email

Submit

Plans

Choose your plan

Third Party Liability

Comprehensive

Choose your

One year

Two year

Three year

Make Payment

Policy Number

Mobile Number

Reason to Claim Insurance

Natural Disaster

Man-Made Disaster

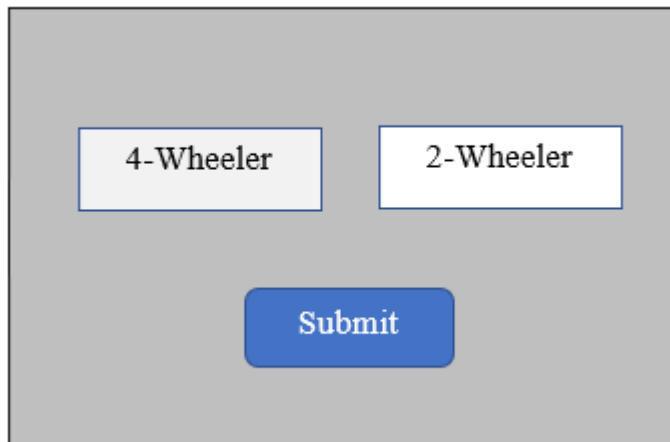
Road Accident

Theft

Submit

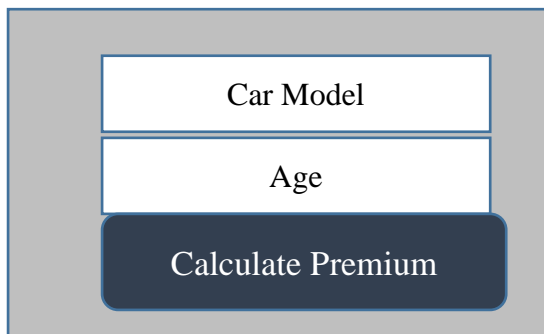
Claim History

Claim			
Claim No	Date	Approved/NotApproved	Amount



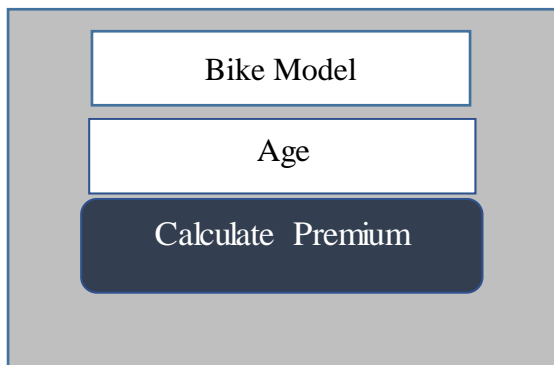
A gray rectangular form containing two white rectangular buttons with blue borders. The left button is labeled "4-Wheeler" and the right button is labeled "2-Wheeler". Below these two buttons is a single blue rounded rectangular button with white text labeled "Submit".

Premium Calculation for 4wheeler



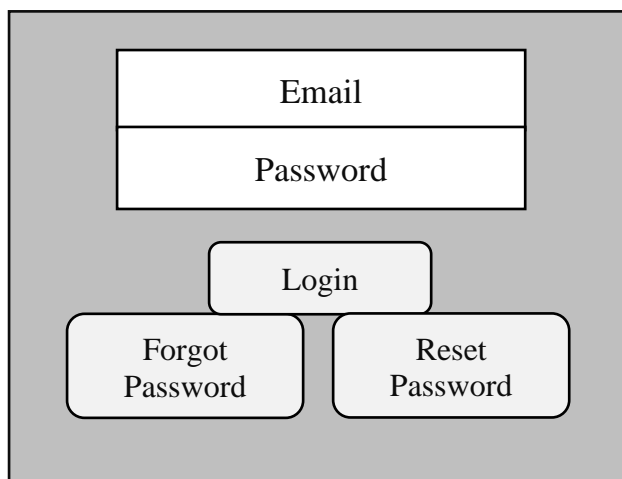
A gray rectangular form containing two white rectangular input fields stacked vertically. The top field is labeled "Car Model" and the bottom field is labeled "Age". Below these fields is a dark blue rounded rectangular button with white text labeled "Calculate Premium".

Premium Calculation for 2wheeler



A gray rectangular form containing two white rectangular input fields stacked vertically. The top field is labeled "Bike Model" and the bottom field is labeled "Age". Below these fields is a dark blue rounded rectangular button with white text labeled "Calculate Premium".

Login



A gray rectangular form containing three white rectangular input fields stacked vertically. The top field is labeled "Email" and the bottom field is labeled "Password". Below these fields is a white rounded rectangular button with a black border labeled "Login". At the bottom of the form are two white rounded rectangular buttons with black borders: "Forgot Password" on the left and "Reset Password" on the right.

User Page

After login, existing customer can view the details of their Insurance Policy

Policy Number: #
Vehicle Model: #
Registration Number: #
Claim Amount: INR__

[Claim](#) [Renew](#)

Registration

Name

Email

Date of Birth

Contact Number

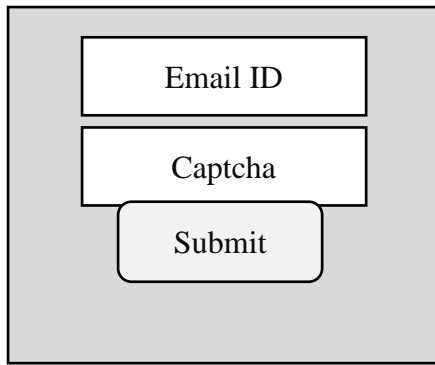
Address

Password

Confirm Password

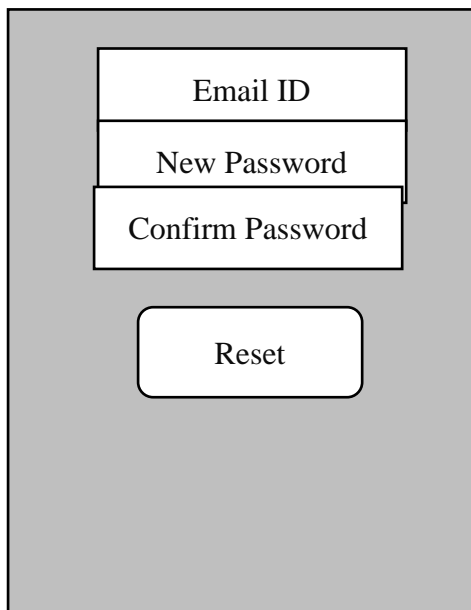
[Submit](#)

Forgot Password



A diagram of a web form for resetting a password. It consists of a light gray rectangular container. Inside, there are three white rectangular input fields stacked vertically. The top field is labeled "Email ID", the middle field is labeled "Captcha", and the bottom field is a rounded rectangle labeled "Submit".

Reset Password



A diagram of a web form for resetting a password. It consists of a light gray rectangular container. Inside, there are three white rectangular input fields stacked vertically. The top field is labeled "Email ID", the middle field is labeled "New Password", and the bottom field is labeled "Confirm Password". Below these fields is a white rounded rectangle labeled "Reset".

Agile Methodology:

Abstract:

Agile development is a group of software development methodology based on iterative and incremental development, in which requirements and solutions evolve through collaboration between self-organizing, cross-functional teams.

Steps to follow in Agile methodology:

- You need to identify various user stories and its modules/tasks which needs to be implemented in the project as a part of Sprint planning.
- Divide all the user stories in two Sprints. Duration of each Sprint will be 3 days.
- Any backlogs of Sprint 1 should be included in Sprint 2 along with stories of Sprint 2.

- You need to prepare Scrum boards for each sprint. You can include both sprints in one scrum board if there is enough space for the same.

Instructions for writing scrum board:

- Chart papers, sketch pens, measurement scale and sticky notes will be provided for scrum board preparation.
- You need to decorate your scrum board well and it should be clean, visible and self-explanatory.
- Discover a unique name for your project.
- Mention Group Number, TL and group member's name in the scrum board.

Format for Scrum Board:

<div style="text-align: center;">Your Project Name</div> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div> <p>Team Leader: <Name></p> <p>Group Members:</p> <ol style="list-style-type: none"> 1. 2. 3. </div> <div style="background-color: #4a86e8; color: white; padding: 10px; text-align: center; width: 150px;"> Logo, if any </div> </div>					
User Story	TO DO	In Progress	Impediments	To Verify	Done