

# 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. ☐

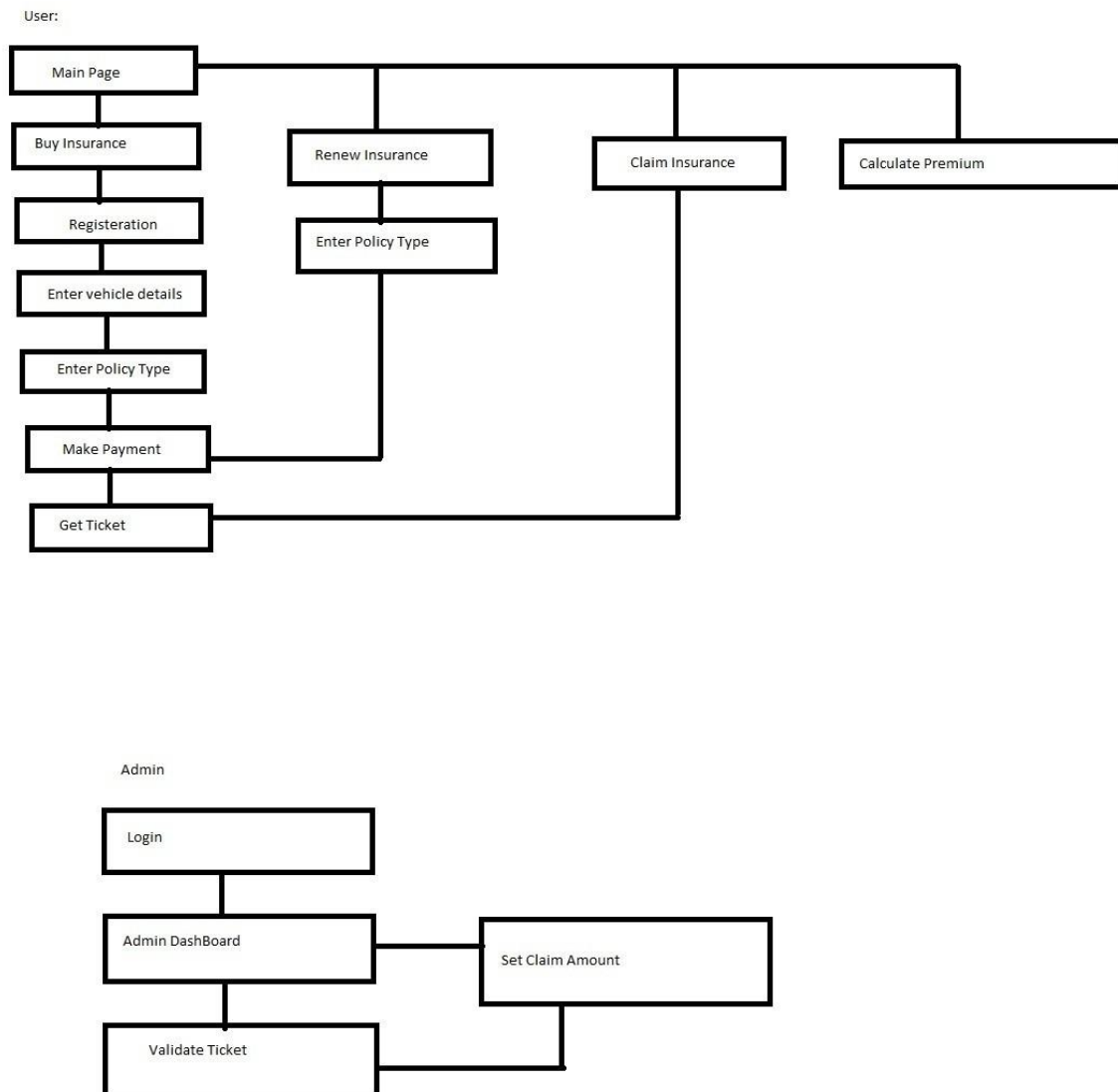
- **Renew insurance (only for motor)**

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:



## Homepage

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

## Buy Insurance

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



The form is titled "Buy Insurance" in a blue box. Below the title are two buttons: "4 wheeler Insurance" and "2 wheeler Insurance". Below these buttons are seven text input fields with the following labels: "Enter car/bike manufacturer", "Enter car/bike model", "Enter driving licence", "Enter purchase date", "Enter Registration number", "Enter Engine number", and "Enter Chassis number". At the bottom of the form is a dark blue "Submit" button.

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 Liability

Comprehensive

Choose your

One year

Two year

Three 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

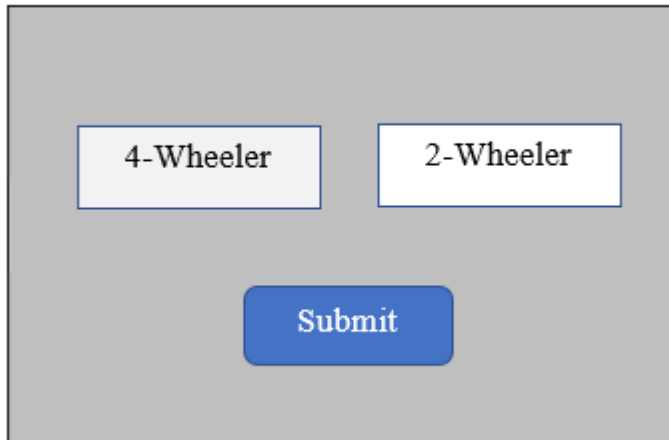
Theft

Submit

Claim History

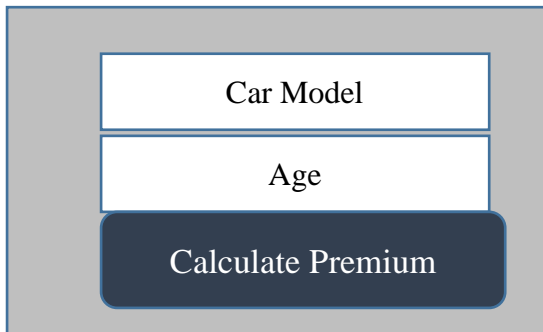
Claim

Claim No	Date	Approved/NotApproved	Amount



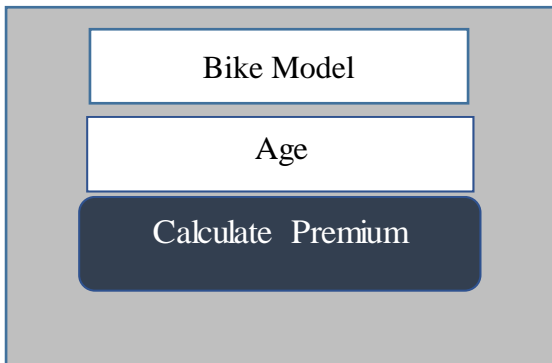
A gray rectangular container with a thin black border. Inside, there are two white rectangular buttons with black borders, labeled "4-Wheeler" and "2-Wheeler", positioned side-by-side. Below them, centered, is a blue rounded rectangular button with white text labeled "Submit".

Premium Calculation for 4wheeler



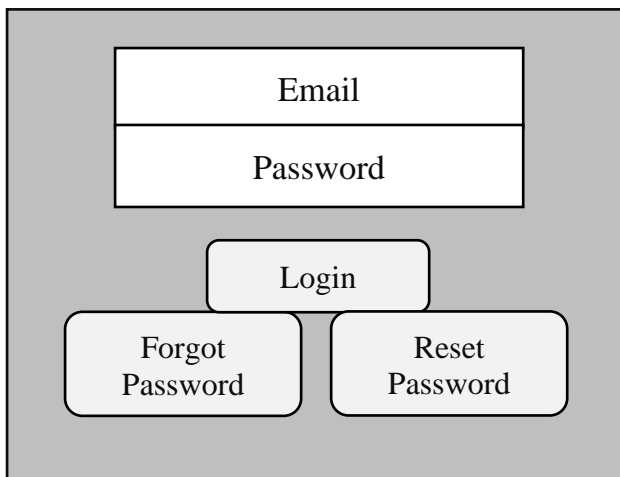
A gray rectangular container with a thin black border. Inside, there are two white rectangular input fields with black borders, labeled "Car Model" and "Age", stacked vertically. Below them is a dark blue rounded rectangular button with white text labeled "Calculate Premium".

Premium Calculation for 2wheeler



A gray rectangular container with a thin black border. Inside, there are two white rectangular input fields with black borders, labeled "Bike Model" and "Age", stacked vertically. Below them is a dark blue rounded rectangular button with white text labeled "Calculate Premium".

Login



A gray rectangular container with a thin black border. Inside, there are two white rectangular input fields with black borders, labeled "Email" and "Password", stacked vertically. Below them is a white rounded rectangular button with black text labeled "Login". At the bottom, there are two white rounded rectangular buttons with black borders and black text, labeled "Forgot Password" and "Reset Password", positioned side-by-side.

## User Page

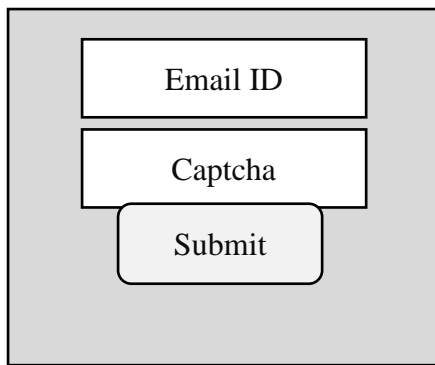
After login, existing customer can view the details of their Insurance Policy

Policy Number: #  
Vehicle Model: #  
Registration Number: #  
Claim Amount: INR\_\_

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

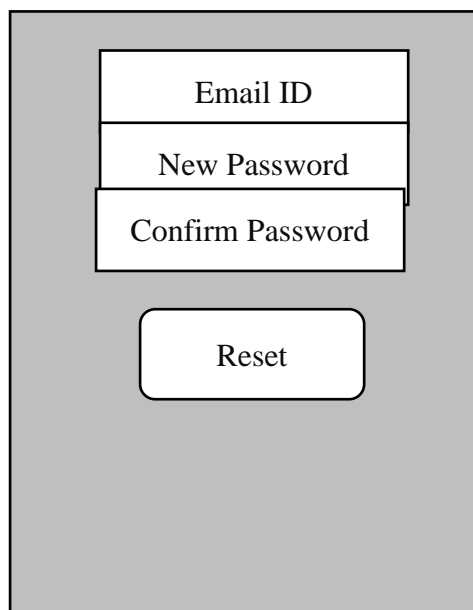
## Registration

## Forgot Password



A form with a light gray background. It contains three white input fields stacked vertically: 'Email ID', 'Captcha', and a rounded 'Submit' button.

### Reset Password



A form with a light gray background. It contains three white input fields stacked vertically: 'Email ID', 'New Password', and 'Confirm Password'. Below these fields is a rounded 'Reset' button.

## 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:

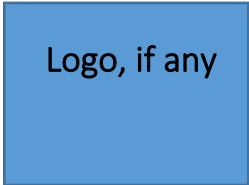
- You need to identify various user stories and its modules/tasks which needs to be implemented in the project as a part of Sprint planning.
- Divide all the user stories in two Sprints. Duration of each Sprint will be 3 days.
- Any backlogs of Sprint 1 should be included in Sprint 2 along with stories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

Your Project Name					
Team Leader: <Name> Group Members: 1. 2. 3.					
User Story	TO DO	In Progress	Impediments	To Verify	Done