
INSUREGO GENERAL INSURANCE

Team: *Keerthana and Hymavathi
Kanishka and Keerthi
Mehraj Fathima*

- *Backend(Web API)*
- *Frontend(MVC and Views)*
- *Database and Testing*

INSUREGO GENERAL INSURANCE

A User-Friendly Online Platform for Motor and Travel Insurance, addresses these issues by providing a secure, user-friendly online platform for direct customer interaction, enabling easy buying, renewing, estimating, and claiming motor and travel insurance policies. This responsive web application promotes cost savings, real-time status tracking, and digital verification to enhance customer experience in the finance domain.



PROJECT OVERVIEW

Topic: General Insurance

Domain: Finance

Project Name: InsureGO Insurance

Description: An online web application for buying, renewing, estimating, and claiming motor and travel insurance policies.

Target Users: Customers seeking easy, secure, and responsive insurance services without intermediaries.



TECHNOLOGIES USED

- **Fronted(View layer)**

Razor View Engine(.cshtml)
css(for styling)

- **Backend**

[ASP.Net](#) MVC - Handles request routing controllers, and business logic
[ASP.NET](#) Web API - used for data communication and api services

- **Databases**

Microsoft SQL Server- Store application data

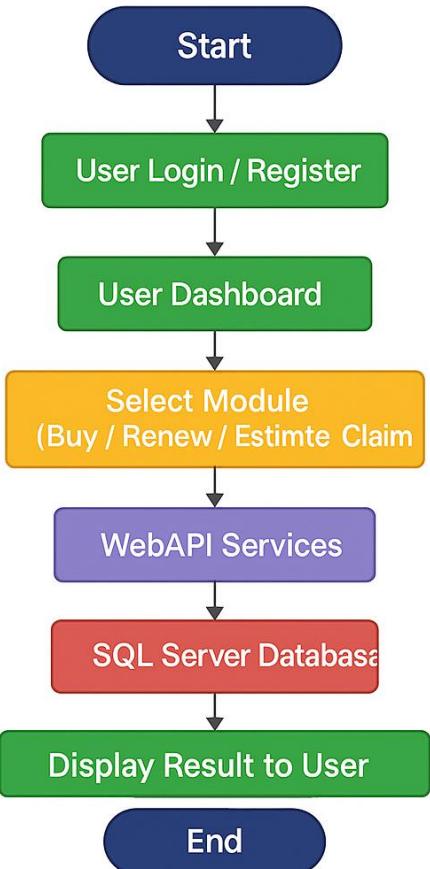
- **Data Access**

Entity Framework - DB First Approach

- **Tools**

Visual Studio -IDE
GitHub - Source code management

FLOW CHART



USER AUTHENTICATION AND ADMIN FEATURES

Description: Secure login/register for users; admin dashboard for policy/claim management with role-based access.

Key Features:

- **Login:** Email/password validation → personalized dashboard.
- **Register:** User details input → secure account creation.
- **Admin Page:** Manage policies, users, claims, reports.

The wireframe illustrates the user authentication and admin features of the InsureGo platform. It includes a main landing page, a user login page, and an admin login page.

- Main Landing Page:** Welcome to InsureGo. Your smart insurance partner. Secure policies, easy claims, instant premium calculation — all in one place. Features three buttons: User Login (blue), User Register (green), and Admin Login (orange). To the right is a placeholder for a user profile picture.
- User Login Page:** Login to InsureGo. Enter your credentials to continue. It has fields for EmailId (placeholder: Enter your email) and Password (placeholder: Enter your password). A blue "Login" button is at the bottom, and "Register | Forgot Password?" links are below it.
- Admin Login Page:** Admin Login. It has fields for Username (placeholder: admin) and Password (placeholder: Enter password). A blue "Login" button is at the bottom.

MANDATORY MODULES - OVERVIEW

Mandatory Modules

Four key modules:

Buy Insurance

Renew Insurance

Calculate Estimate

Claim Insurance

The screenshot shows the InsureGO website interface. At the top, there is a black header bar with the InsureGO logo and navigation links: Home, About, Contact, Help, and FAQ. Below the header, a blue banner displays a greeting "Hi kanishka" followed by a yellow hand icon, and a red "Logout" button. The main content area features four white rectangular boxes, each representing a module: "Buy Insurance" (with a clipboard icon), "Renew Policy" (with a clipboard icon), "Estimate Premium" (with a calculator icon), and "Claim Insurance" (with an exclamation mark icon). Each module box contains a brief description and a blue "Buy Now", "Renew", "Calculate", or "File Claim" button. Below these boxes, a section titled "Why Insurance Matters" provides information about the importance of insurance, lists its benefits, and concludes with a statement about its protection for the future.

Hi kanishka

Logout

Buy Insurance
Select motor or travel insurance plans that suit your needs.
Buy Now

Renew Policy
Renew your policy instantly without any paperwork.
Renew

Estimate Premium
Calculate premiums for two-wheelers and four-wheelers.
Calculate

Claim Insurance
File insurance claims online and track their status.
File Claim

Why Insurance Matters

Life is unpredictable. Accidents, theft, natural disasters, and medical emergencies can strike without warning. Insurance acts as a financial safety shield that protects you from sudden and heavy expenses.

Motor insurance covers vehicle damage, third-party liabilities, and repair costs. Travel insurance protects you from trip cancellations, medical emergencies, and losses. Insurance gives peace of mind when life throws surprises.

- ✓ Financial security during emergencies
- ✓ Mandatory legal compliance
- ✓ Cashless repairs at network garages
- ✓ Fast and transparent claim process
- ✓ Flexible coverage options

Insurance isn't an expense — it's protection for your future. We make it digital, quick, and stress-free.

MODULE 1 - BUY INSURANCE

- User selects insurance type, Fills required information (e.g., vehicle details).
- Makes secure payment to Insurance.
- Receives policy number and instant coverage.
- Main Procedures/Methods: Controller method (e.g., BuyInsuranceController) validates user input and calls WebAPI for policy creation.
- Model classes store data (e.g., PolicyModel for details).
- View renders forms; API integrates with payment gateway for transactions.

Select Insurance Plan

VehicleType
2W

VehicleModel
Maruthi suzuki

RegistrationNumber
TM09BH2345

Select Plan
Third Party Liability

DurationYears
3

[Next: Payment](#)

Add Vehicle

Manufacturer
Maruti

VehicleModel
Maruthi suzuki

DrivingLicence
TN78 67676767

PurchaseDate
09-08-2021

RegistrationNumber
TM09BH2345

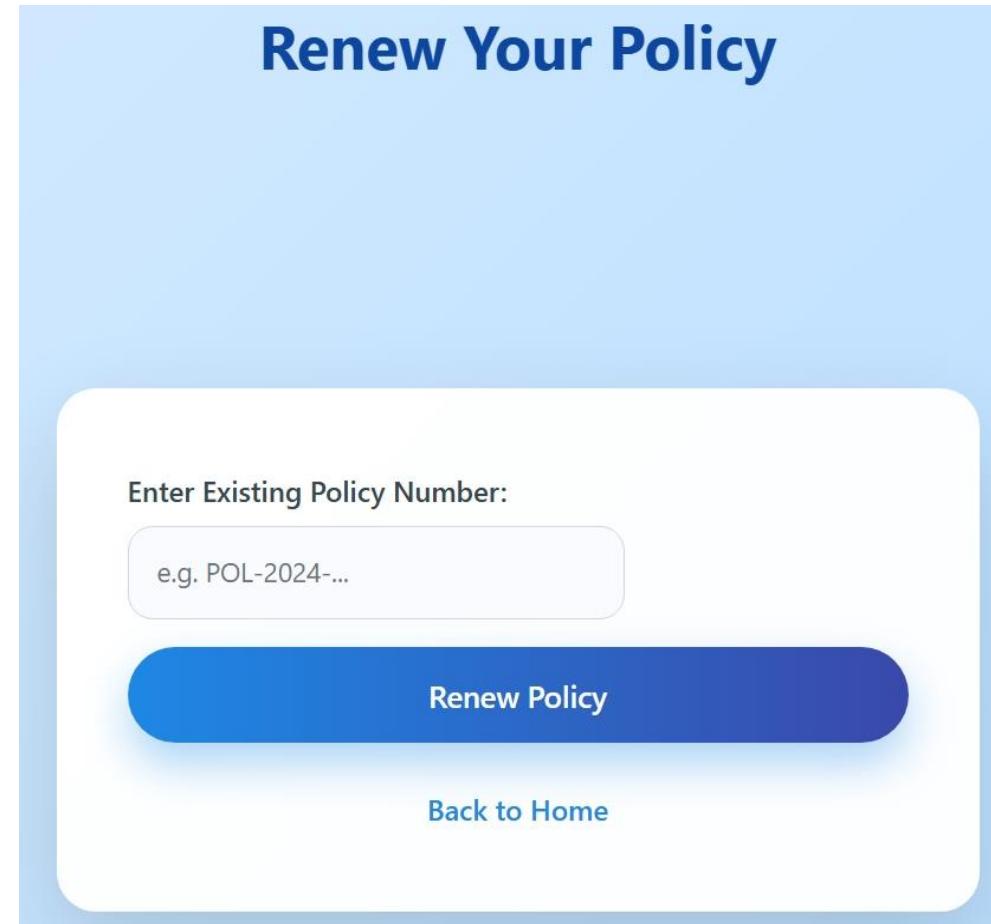
EngineNumber
ENG897654321

ChassisNumber
TS67KK7867

[Next: Select Plan](#)

MODULE 2 - RENEW INSURANCE

- User clicks "Renew Insurance" link.
- Enters previous policy number.
- Makes payment based on policy value.
- Policy is renewed automatically.
- Main Procedures/Methods: Controller method (e.g., RenewInsuranceController) fetches existing policy via WebAPI and calculates renewal cost.
- Model updates policy expiry date.
- View displays renewal form; API handles payment and database updates for motor policies only.



MODULE 3 - CALCULATE INSURANCE ESTIMATE

- User selects insurance type (motor or travel).
- Enters details (e.g., vehicle specs or trip info).
- Generates instant price estimate.
- Main Procedures/Methods: Controller method (e.g., EstimateController) processes inputs and calls WebAPI for pricing logic (e.g., based on risk factors).
- Model computes estimate without saving data.
- View shows calculator interface; API queries database for rate tables.

Premium Calculator

Premium calculated successfully!

Vehicle Type

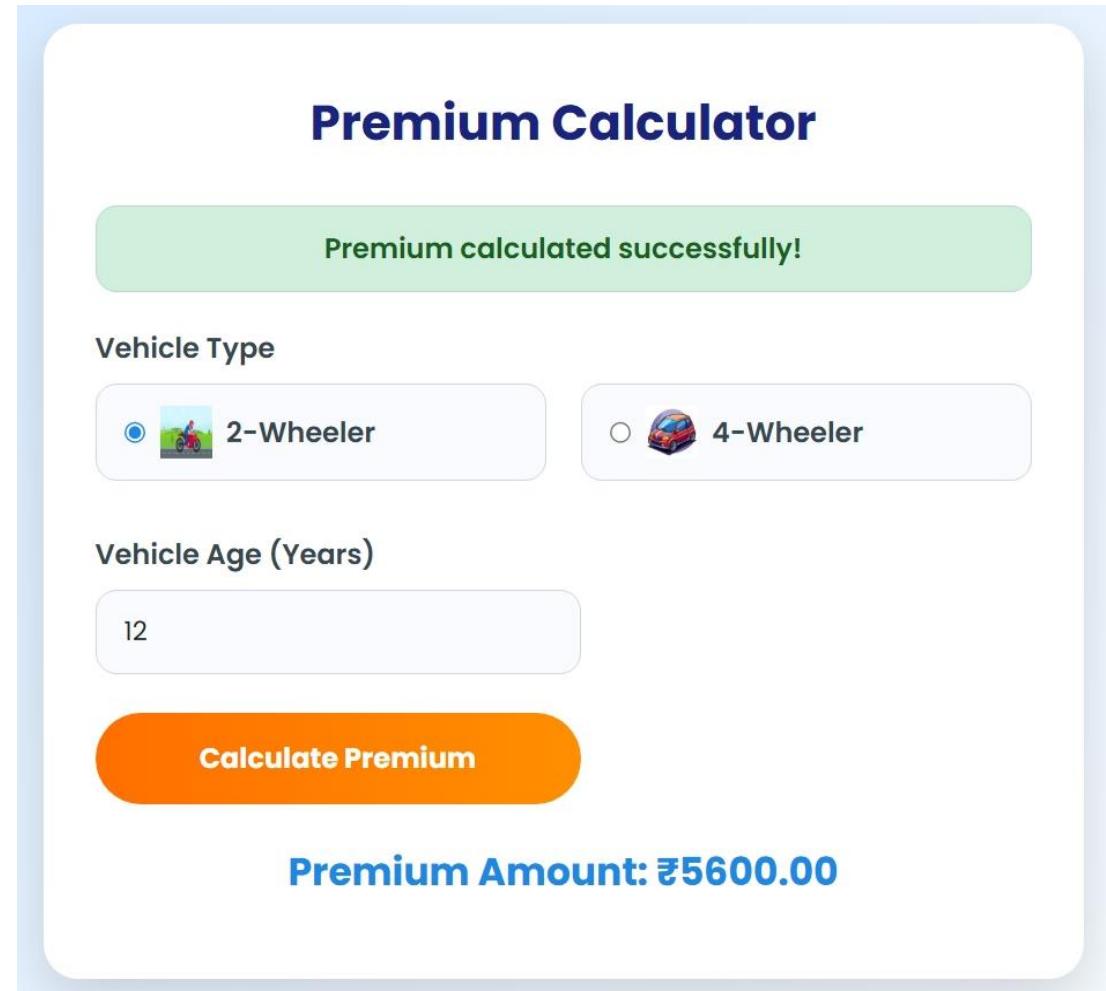
2-Wheeler 4-Wheeler

Vehicle Age (Years)

12

Calculate Premium

Premium Amount: ₹5600.00



MODULE 4 - CLAIM INSURANCE

- User initiates claim process (details not fully specified in abstract).
- Assumed steps: Submit claim details, upload documents digitally, track status.
- Main Procedures/Methods: Controller method (e.g., ClaimInsuranceController) validates claim and uploads documents via WebAPI.
- Model stores claim data and status.
- View provides claim form and tracking dashboard; API integrates with verification services and updates database.

Claim History - POL20260128220432			
Claim No	Date	Status	Amount
31	28-01-2026	Approved	₹ 7,000.00
← Back to Home			

TESTING

- **Testing Approach:** Ensures reliability, security, and functionality of the application.
- **Types of Testing Used:**
 1. Unit Testing: Tests individual components (e.g., controllers and models) using tools like NUnit.

THANK YOU
