
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.

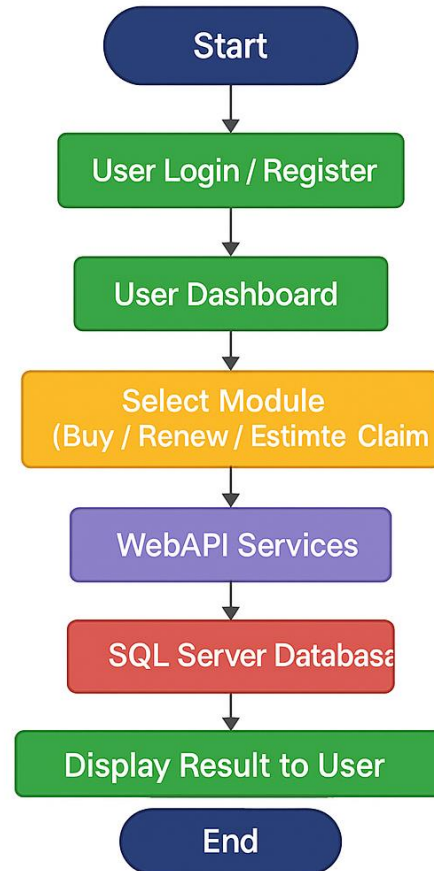
Target Users: Customers seeking easy, secure, and responsive insurance services without intermediaries.



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 FirstApproach
- **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.



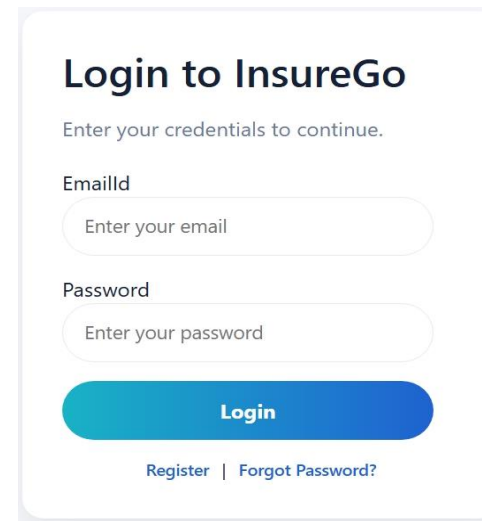
Welcome to InsureGo

Your smart insurance partner. Secure policies, easy claims, instant premium calculation — all in one place.

User Login

User Register

Admin Login



Login to InsureGo

Enter your credentials to continue.

EmailId

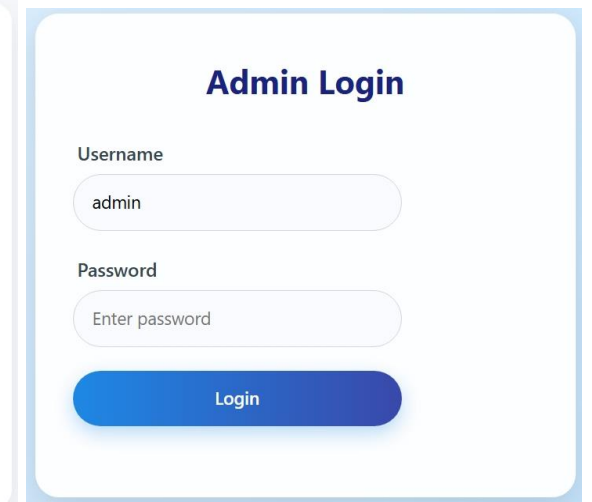
Enter your email

Password

Enter your password

Login

[Register](#) | [Forgot Password?](#)



Admin Login

Username

admin

Password

Enter password

Login

MANDATORY MODULES - OVERVIEW

Mandatory Modules

Four key modules:

Buy Insurance

Renew Insurance


Calculate Estimate

Claim Insurance

The screenshot displays the InsureGO user interface. At the top, a dark navigation bar contains the InsureGO logo and links for Home, About, Contact, Help, and FAQ. Below this, a blue header bar greets the user as 'Hi kanishka' with a hand icon and a red 'Logout' button. The main content area features four white cards, each representing a mandatory module: 'Buy Insurance' (with a notepad icon), 'Renew Policy' (with a clipboard icon), 'Estimate Premium' (with a rocket icon), and 'Claim Insurance' (with a red exclamation mark icon). Each card includes a brief description and a blue action button. Below these cards is a section titled 'Why Insurance Matters' which provides a general overview of insurance's importance and lists five key benefits: financial security during emergencies, mandatory legal compliance, cashless repairs at network garages, a fast and transparent claim process, and flexible coverage options. The section concludes with a statement that insurance is a form of protection for the future, made digital, quick, and stress-free.

InsureGO Home About Contact Help FAQ


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

2 Wheeler 4 Wheeler

Manufacturer

Maruti

VehicleModel

Maruthi suzuki

DrivingLicence

TN78 67676767

PurchaseDate

09-08-2021

RegistrationNumber

TM09BH2345

EngineNumber

ENG897654321

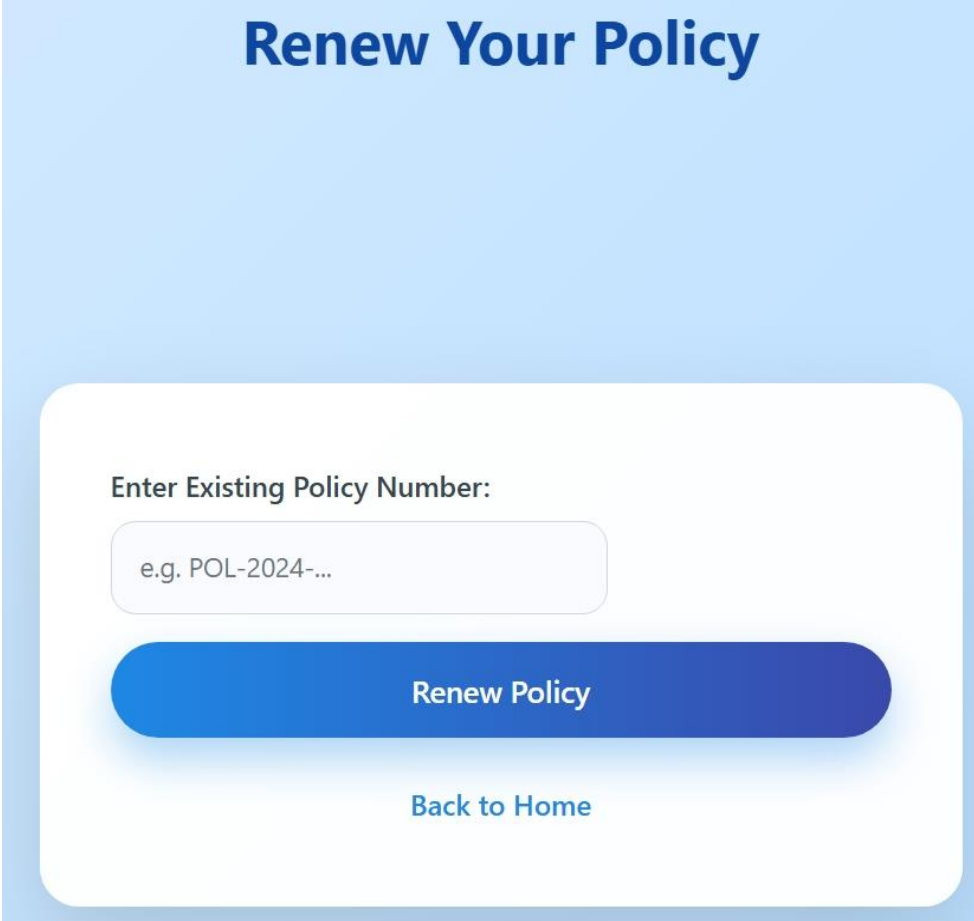
ChassisNumber

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.

A screenshot of a web form titled "Renew Your Policy" in a blue header. The form is white with rounded corners and contains a label "Enter Existing Policy Number:" above a text input field. The input field has a placeholder text "e.g. POL-2024-...". Below the input field is a large blue button with the text "Renew Policy". At the bottom of the form is a blue link labeled "Back to Home".

Renew Your Policy

Enter Existing Policy Number:

e.g. POL-2024-...

Renew Policy

[Back to Home](#)



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 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