



Team: 01

# **My Policy Hub**

## **AN ONLINE INSURANCE MANAGEMENT SYSTEM**



# Overview

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- *Introduction*
- *Project Overview*
  - *Key Features*
  - *Milestones*
  - *Features in Detail*
- *Database Schema*
- *Front End Pages*
- *Conclusion*



# INTRODUCTION

- 1. Project Overview:** This project is a user-friendly web application designed to streamline insurance management, allowing customers to schedule appointments with agents, access insurance plan information, and manage appointments easily.
- 2. Core Functionalities:** Key features include user authentication, agent availability management, plan information management, an appointment scheduling interface and an admin dashboard for efficient system oversight.
- 3. Technology Stack:** The project is developed using Java, MySQL and JDBC, providing a robust backend to handle data management and user interactions securely.
- 4. Outcome:** This project aims to enhance efficiency and customer satisfaction by offering a seamless, accessible platform for managing insurance-related needs.



# PROJECT OVERVIEW

## KEY FEATURES

- Authentication: Secure access for customers, agents, and administrators.
- Insurance Plan Management: Easy comparison and selection of insurance plans.
- Appointment Scheduling and Agent Selection: Simple tools to manage appointments and connect with agents.
- AI-Powered Health Cost Prediction: Predict potential health charges based on user health data.
- Administrative Tools: Centralized dashboard for managing platform operations.



# MILESTONES



**01**

Completed user authentication and registration, and initiated the implementation of agent availability management.



**02**

Completed agent availability management, fully developed the appointment scheduling interface, and started its backend integration along with other customer features.



**03**

Completed appointment management on the user end, integrated with the backend, and started implementing agent features.



**04**

Completed agent features and began working on the admin end, with the admin dashboard and AI-powered health cost prediction.

# Features in Detail

## Customer Features

- **User Authentication:** Secure sign-up/login for personalized access.
- **Appointment Scheduling:** Book appointments with agents at preferred dates and times.
- **Agent Selection:** Browse and choose agents based on availability and expertise.
- **Insurance Plan Information:** Access, compare, and review plan benefits and costs.
- **Appointment Management:** View, schedule, or cancel appointments with ease.



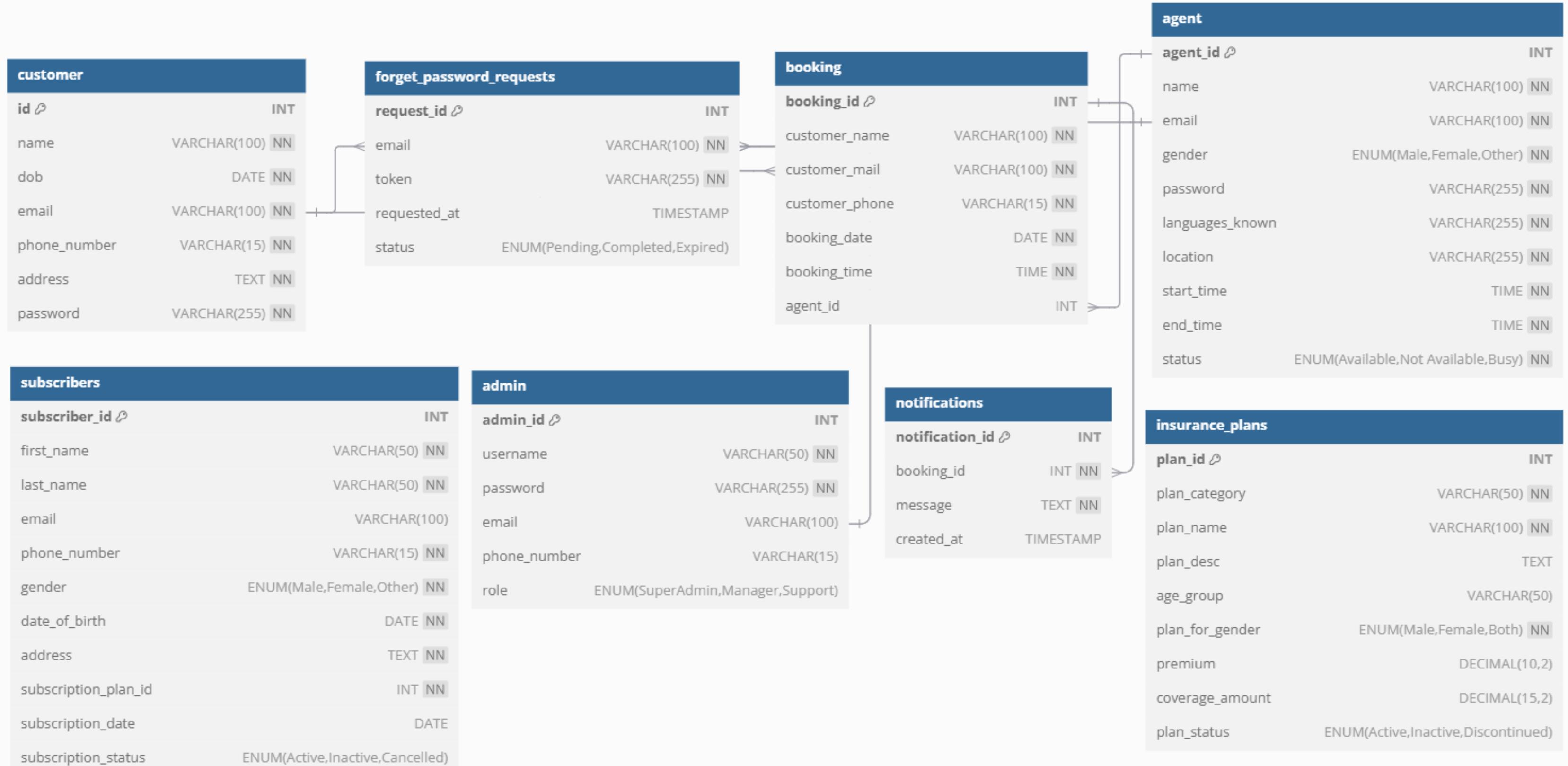
## Agent Features

- **Secure Login:** Access the platform securely.
- **Set Availability:** Manage availability for customer appointments.
- **Set Status:** Update current status to reflect availability.
- **View Booked Appointments:** Keep track of upcoming schedules.

## Admin Features

- **Agent Management:** Oversee agent profiles, availability, and schedules.
- **Plan Information Management:** Add, update, or remove insurance plans and details.
- **Admin Dashboard:** Centralized access to manage the platform's operations.
- **AI-Powered Health Cost Prediction:** Utilize AI to predict potential health charges for users.
- **View Subscribers:** Monitor and manage policyholder information.

# Database Schema



# Landing Page

**MY POLICY HUB**

FEATURES SERVICES PROCESS AGENTS CONTACT REGISTER

*Protecting Your Future, Today.*

**WE SECURE WHAT MATTERS MOST.**

**CHECK IT OUT**

## SERVICES PROVIDED

*Your Needs, Our Priority ~ Every Service Tailored for You.*

Life Insurance      Health Insurance      Vehicle Insurance

Home Insurance      Travel Insurance      Business Insurance

## BUSINESS INSURANCE

**BUSINESS INSURANCE**

Business Insurance protects your enterprise from potential risks, including liability claims, property damage, and employee-related issues. With tailored plans for different industries, we help you safeguard your business's future.

Client: Business Insurance  
Category: Enterprise Assurance

X CLOSE

## MY POLICY HUB

FEATURES SERVICES PROCESS AGENTS CONTACT REGISTER

## OUR LEADING AGENTS

*Experience the Future of Insurance Management Today.*

**Agent 1**  
Health Insurance Agent

[Twitter](#) [Facebook](#) [LinkedIn](#)

**Agent 2**  
Life Insurance Agent

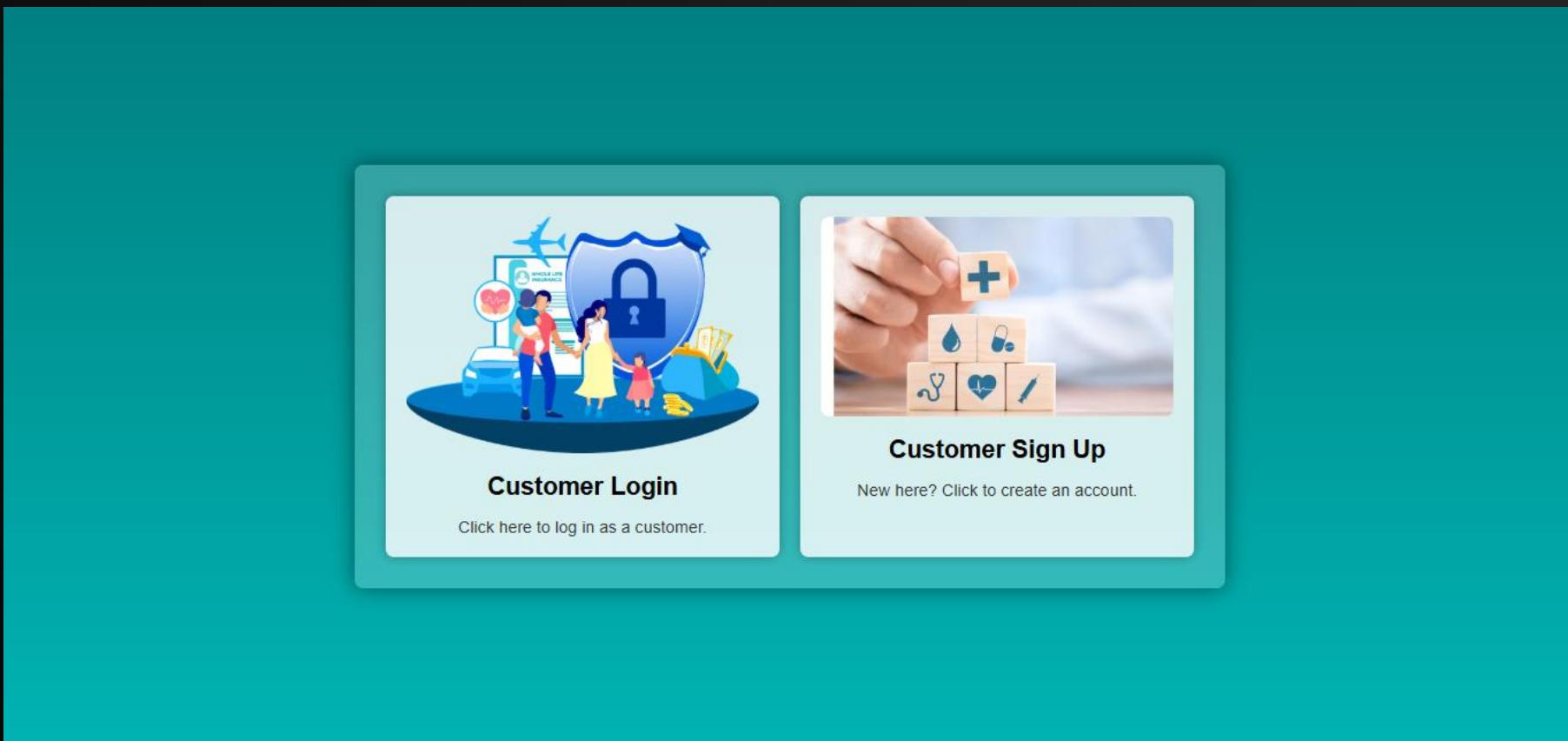
[Twitter](#) [Facebook](#) [LinkedIn](#)

**Agent 3**  
Home Insurance Agent

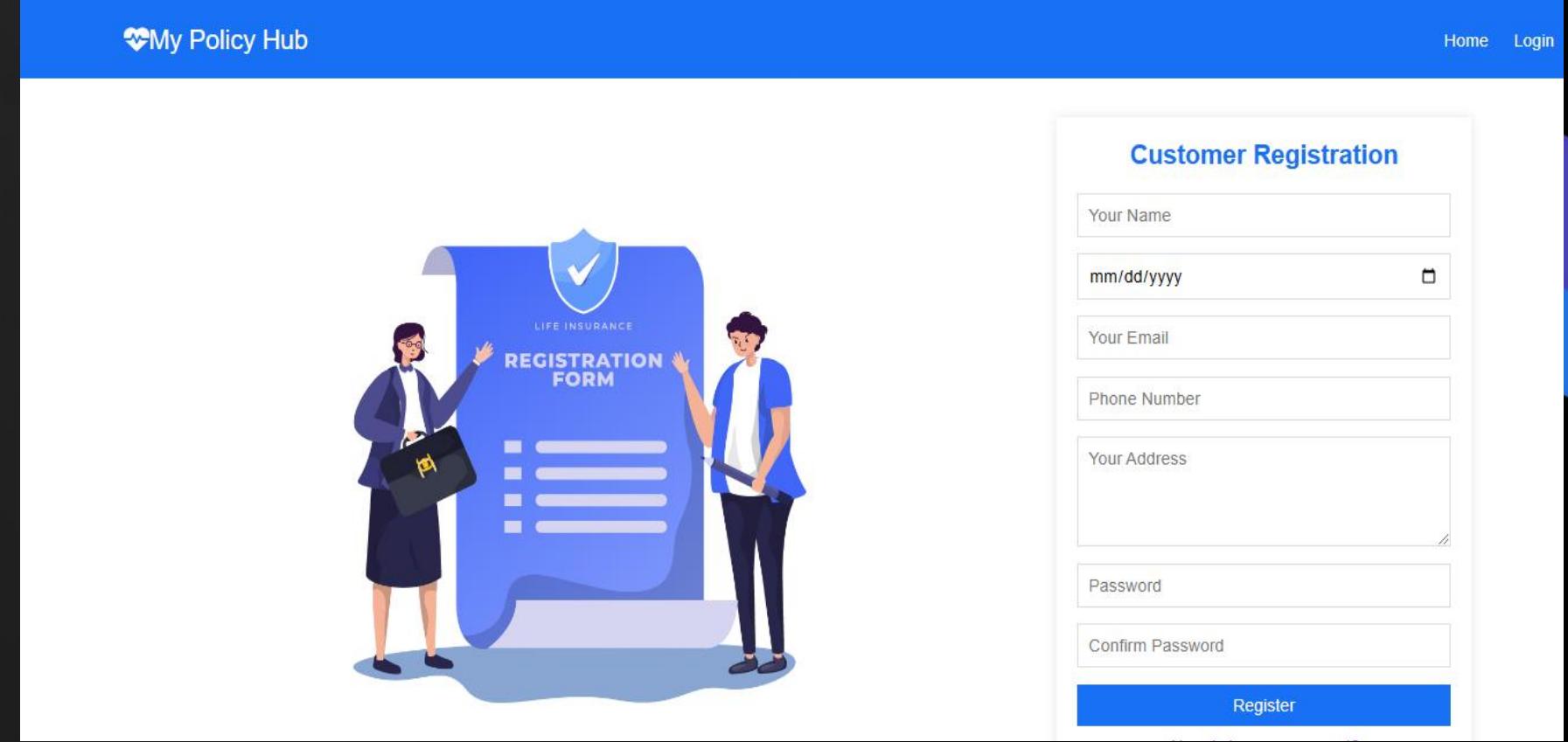
[Twitter](#) [Facebook](#) [LinkedIn](#)

Dedicated to guiding you through tailored insurance solutions that secure your future. Protecting your health,

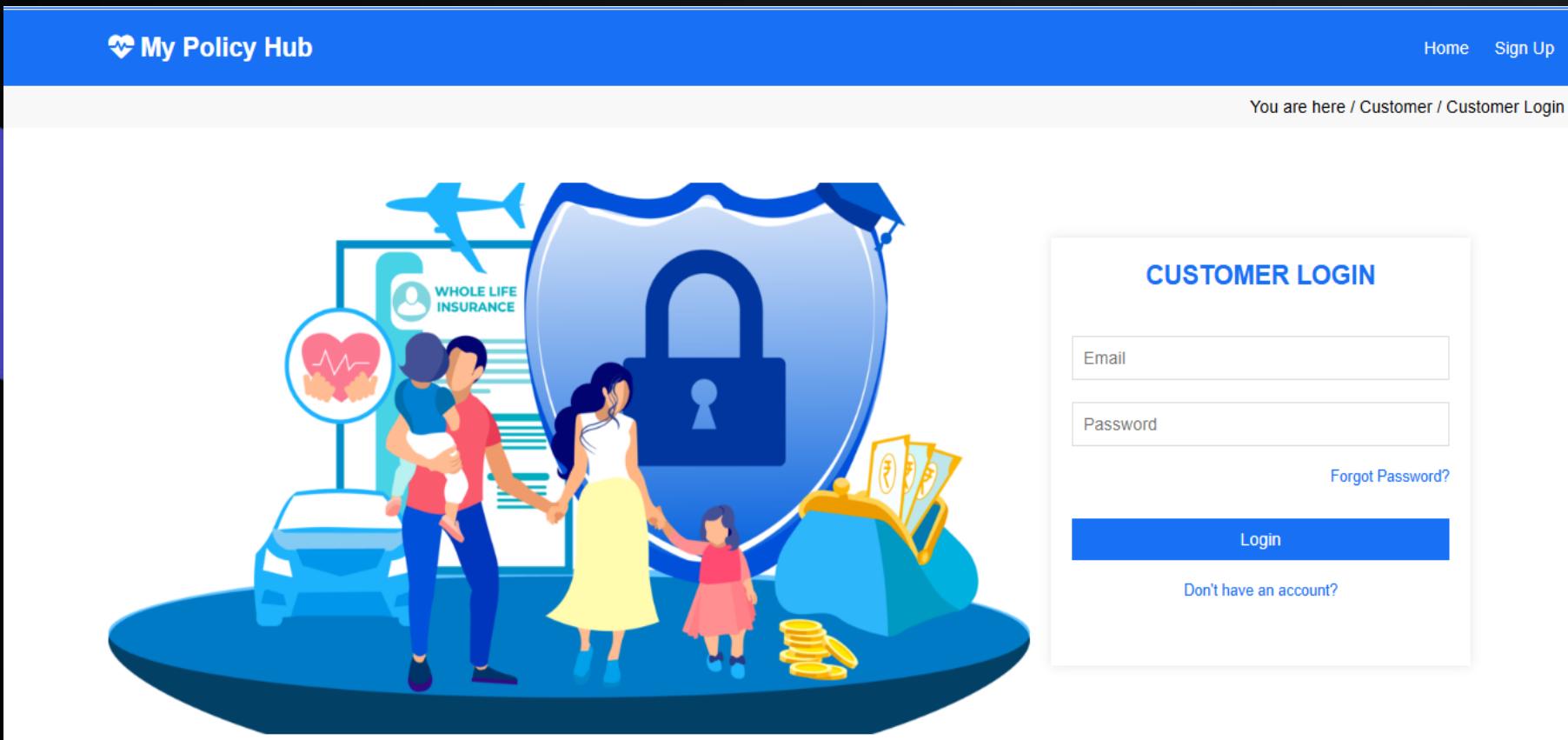
# Customer End : Login / Registration



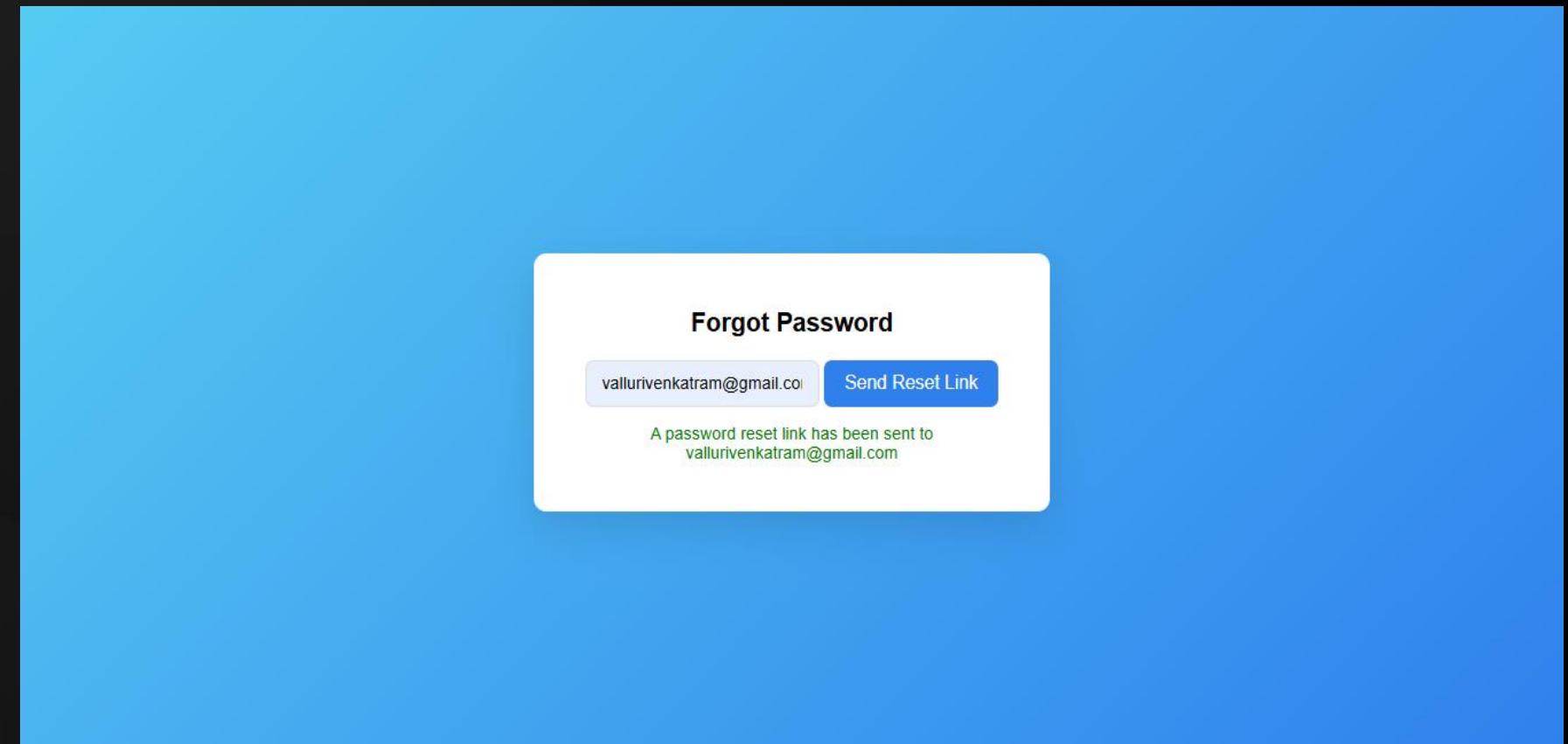
This screenshot shows the customer end login and sign-up interface. It features two main buttons: "Customer Login" on the left with a family icon and "Customer Sign Up" on the right with a medical and insurance icon. Below each button is a small descriptive text: "Click here to log in as a customer." and "New here? Click to create an account." respectively.



This screenshot shows the customer registration process. At the top, there's a header with "My Policy Hub" and navigation links for "Home" and "Login". The main area features a registration form titled "LIFE INSURANCE REGISTRATION FORM". Two people are shown interacting with the form. To the right, there's a "Customer Registration" form with fields for "Your Name", "mm/dd/yyyy", "Your Email", "Phone Number", "Your Address", "Password", "Confirm Password", and a "Register" button.



This screenshot shows the customer login interface. It includes a large decorative background image of a family with a car, a plane, and a shield. On the right, there's a "CUSTOMER LOGIN" form with fields for "Email" and "Password", a "Forgot Password?" link, and a "Login" button. Below the form is a link "Don't have an account?". At the top, there's a header with "My Policy Hub" and "Sign Up", and a breadcrumb trail "You are here / Customer / Customer Login".



This screenshot shows the forgot password interface. It features a "Forgot Password" form with an input field for "vallurivenkatram@gmail.com" and a "Send Reset Link" button. A message below states, "A password reset link has been sent to vallurivenkatram@gmail.com". The background is a solid blue color.

# Customer End : Home, Services

My Policy Hub

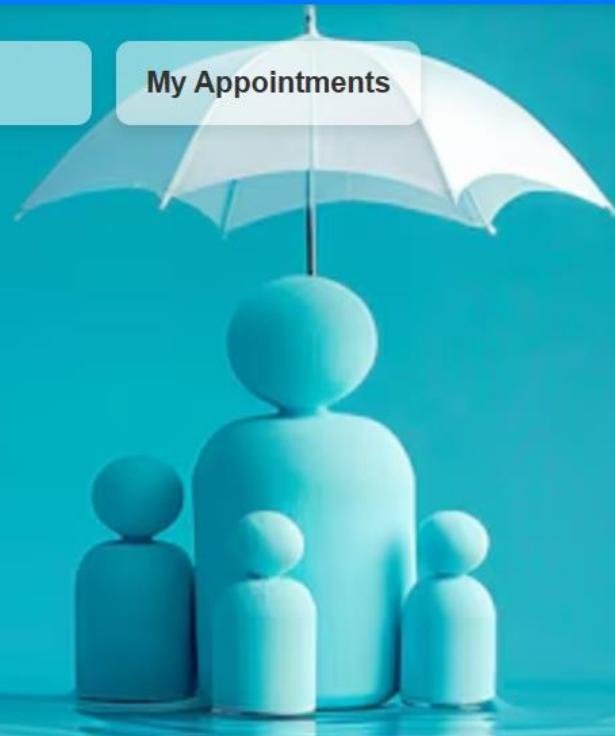
Home View Plans Booking Appointments Contact Help Logout

View Plans

View Agents

Booking

My Appointments



## Insurance Services

Home View Plans Booking Appointments Logout



### Life Insurance

Policies: 500  
Claims: 30

[View Plans](#)



### Health Insurance

Policies: 300  
Claims: 25

[View Plans](#)



### Vehicle Insurance

Policies: 400  
Claims: 50

[View Plans](#)



### Home Insurance

Policies: 200  
Claims: 15

[View Plans](#)

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My Policy Hub

Home View Plans Booking Appointments Logout

## Insurance Plans for Life Category

### Life Shield Policy

**Description:** A comprehensive life insurance plan with coverage for accidental death and critical illness.

**Tier:** Platinum

**Age Group:** 25-65

**Gender:** Both

**Premium:** ₹4000.0

**Coverage:** ₹1000000.0

Subscribe

#### Plan Details

**Plan Name:** Life Shield Policy

**Description:** A comprehensive life insurance plan with coverage for accidental death and critical illness.

**Tier:** Platinum

**Age Group:** 25-65

**Gender:** Both

**Premium:** ₹4000.0

**Coverage:** ₹1000000.0

#### Customer Details

Full Name:

Email:

Phone Number:

Address:

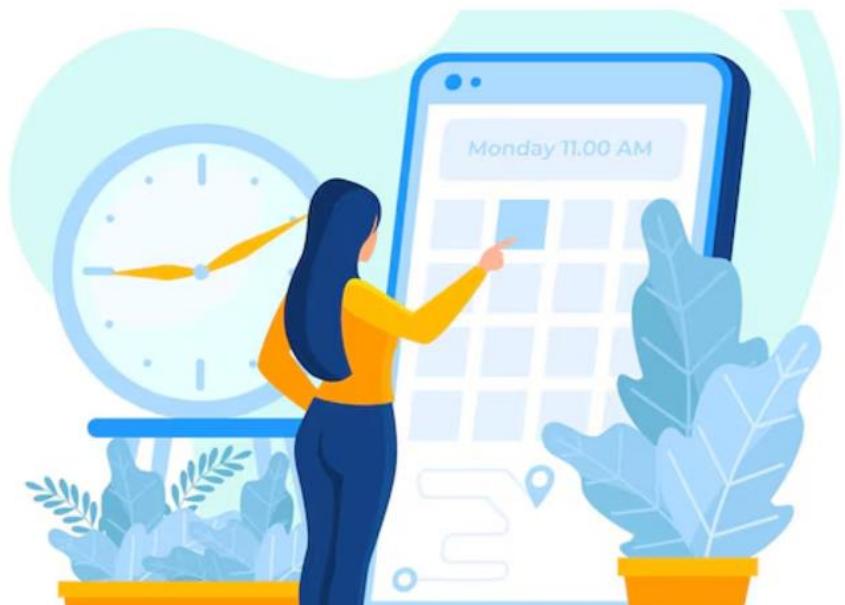
Payment Mode:

Proceed to Pay

# Customer End : Appointment Scheduling

**My Policy Hub**

Home View Plans Booking Appointments Logout



**Appointment Booking**

Enter your full name  
Enter your email  
Enter your phone number  
mm/dd/yyyy  
HH:MM AM  
Enter your Agent id (if chosen)  
**Book Appointment**

**My Policy Hub**

Home View Plans Booking Appointments Logout

## View Your Appointments

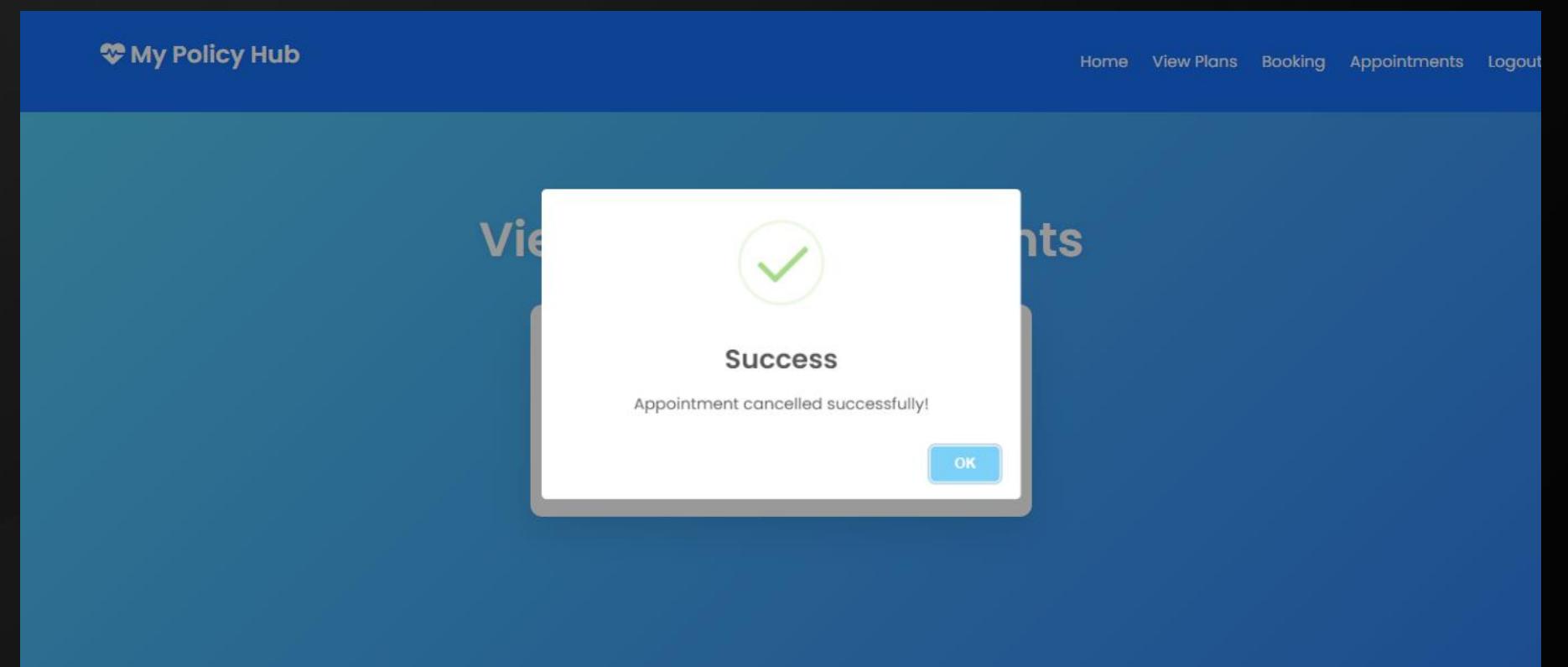
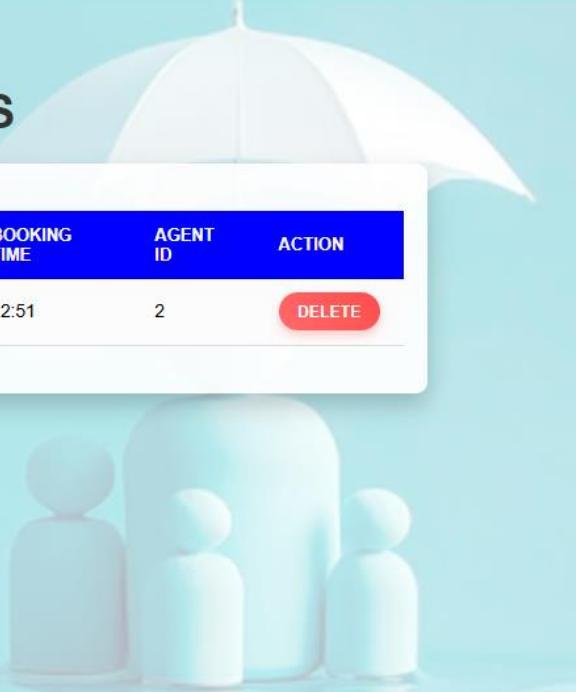
Enter your registered email:  
Enter your email  
**Check Appointments**

**My Policy Hub**

Home View Plans Booking Appointments Logout

## BOOKED APPOINTMENTS

BOOKING ID	CUSTOMER NAME	EMAIL	PHONE NUMBER	BOOKING DATE	BOOKING TIME	AGENT ID	ACTION
22	Ram	22501a4464@pvpsit.ac.in	9876543210	2024-11-21	12:51	2	<b>DELETE</b>



# Customer End : Agent Availability

## Available Agents

**John Doe**

Gender: Male

Languages Known: English, Spanish

Location: New York

Working Hours: 09:00:00 - 17:00:00

Status: Available

Contact

**Jane Smith**

Gender: Female

Languages Known: English, French

Location: Los Angeles

Working Hours: 10:00:00 - 18:00:00

Status: Available

Contact

**David Brown**

Gender: Male

Languages Known: English, German

Location: Chicago

Working Hours: 08:00:00 - 16:00:00

Status: Not Available

Notify

**Emily White**

Gender: Female

Languages Known: English, Italian

Location: San Francisco

Working Hours: 09:30:00 - 17:30:00

Status: Busy

Notify

## Available Agents

**John Doe**

Gender: Male

Languages Known: English, Spanish

Location: New York

Working Hours: 09:00:00 - 17:00:00

Status: Available

Contact

**Jane Smith**

Gender: Female

Languages Known: English, French

Location: Los Angeles

Working Hours: 10:00:00 - 18:00:00

Status: Available

Contact

**Emily White**

Gender: Female

Languages Known: English, Italian

Location: San Francisco

Working Hours: 08:00:00 - 16:00:00

Status: Not Available

Notify

**Michael Johnson**

Gender: Male

Languages Known: English, Portuguese

Location: Miami

Working Hours: 08:30:00 - 17:00:00

Status: Available

Contact

**Sarah Lee**

Gender: Female

Languages Known: English, Chinese

Location: Dallas

Working Hours: 09:00:00 - 16:00:00

Status: Available

Contact

**Michael Johnson**

Gender: Male

Languages Known: English, Portuguese

Location: Miami

Working Hours: 08:30:00 - 17:00:00

Status: Available

Contact

**Sarah Lee**

Gender: Female

Languages Known: English, Chinese

Location: Dallas

Working Hours: 09:00:00 - 16:00:00

Status: Available

Contact

# Customer End : Contact Us, Help

**My Policy Hub**

Home View Plans Booking Appointments Logout

## Contact Us

Your Name  
Your Email  
Subject  
Your Message

Submit

Follow Us

Facebook Twitter Google+ LinkedIn



**My Policy Hub**

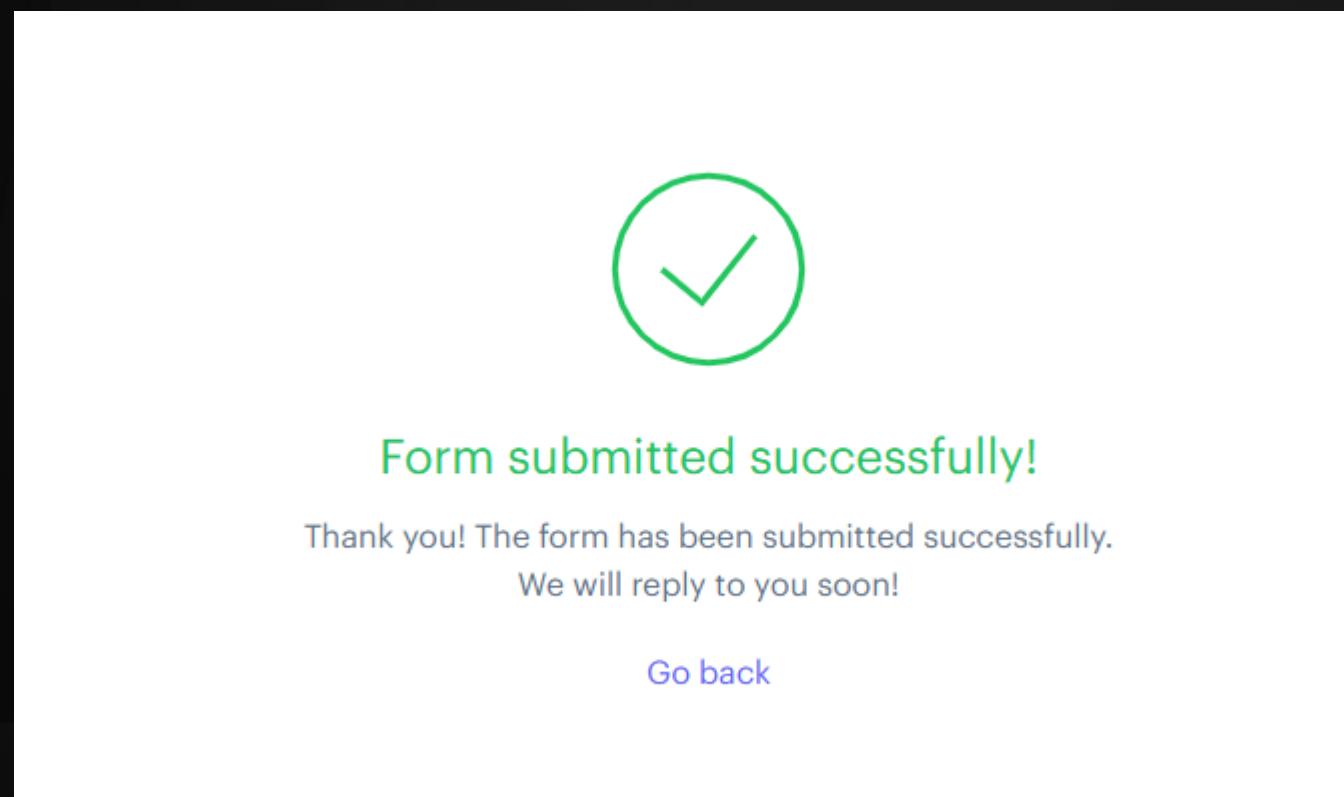
Home View Plans Booking Appointments Logout

### Voice Recognition for Customer Queries

Click the Start button and speak your query clearly.

Start

You said: "so this is the voice recognition for customer queries"

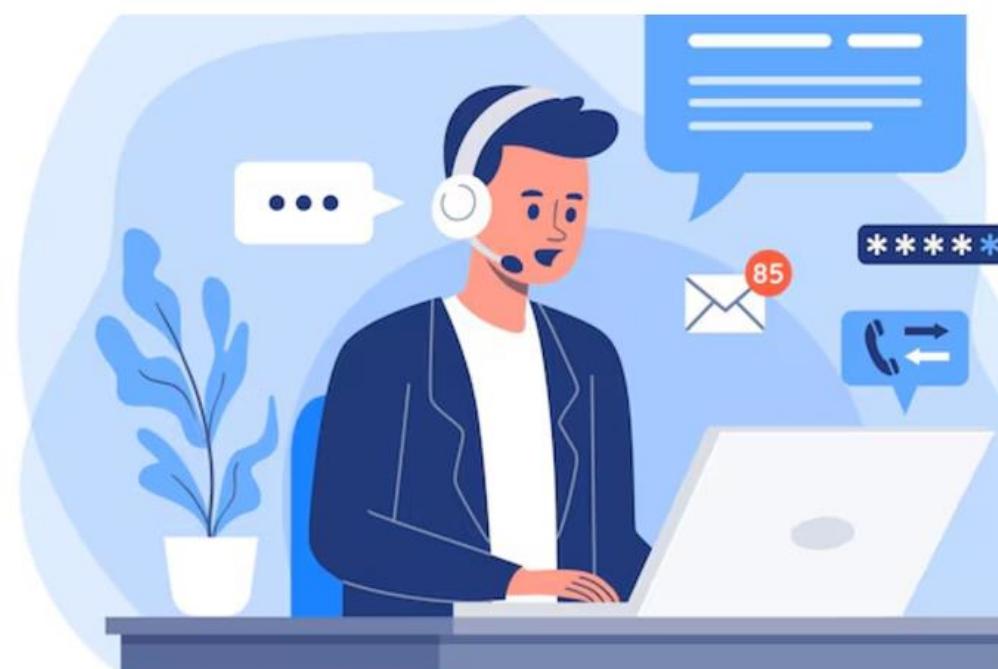


# Agent End : Agent Login

My Policy Hub

Home Login

You are here / Agent / Agent Login



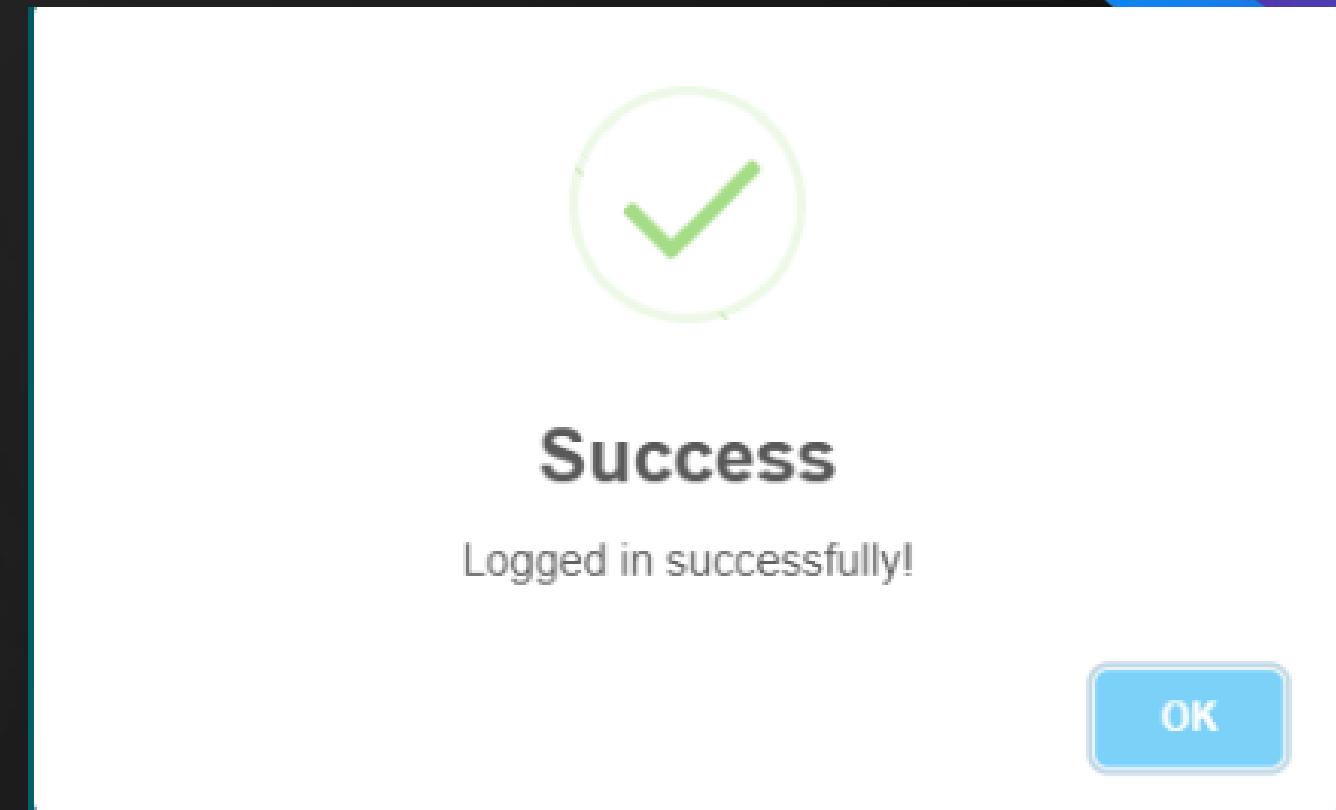
AGENT LOGIN

Username

Password  \*\*\*\*\*

[Forgot Password?](#)

[Login](#)



Forgot Password

Email Address

[Send Reset Link](#)

Forgot Password

example@gmail.com

[Send Reset Link](#)

A password reset link has been sent to example@gmail.com

# Agent End : Home, Schedule Availability

**My Policy Hub**

Home Set Status Set Availability View Appointments Logout

**Set Availability** **Set Status** **Appointments**

Monday 11:00 AM

**My Policy Hub**

Home Set Status Set Availability View Appointments Logout

**Manage Your Availability**

Agent ID:

Start Time:

End Time:

**Save Availability**

**My Policy Hub**

Home Set Status Set Availability View Appointments Logout

**Set Agent Status**

Agent ID:

Select Status:

**Update Status**

**My Policy Hub**

Home Set Status Set Availability View Appointments Logout

**Success**

Status updated successfully!

**OK**

**Set Agent Status**

Agent ID:

Select Status:

**Update Status**

# Agent End : View Appointments

 My Policy Hub

Home Set Availability Set Status Appointments Logout

## View Your Appointments

Enter your registered ID:

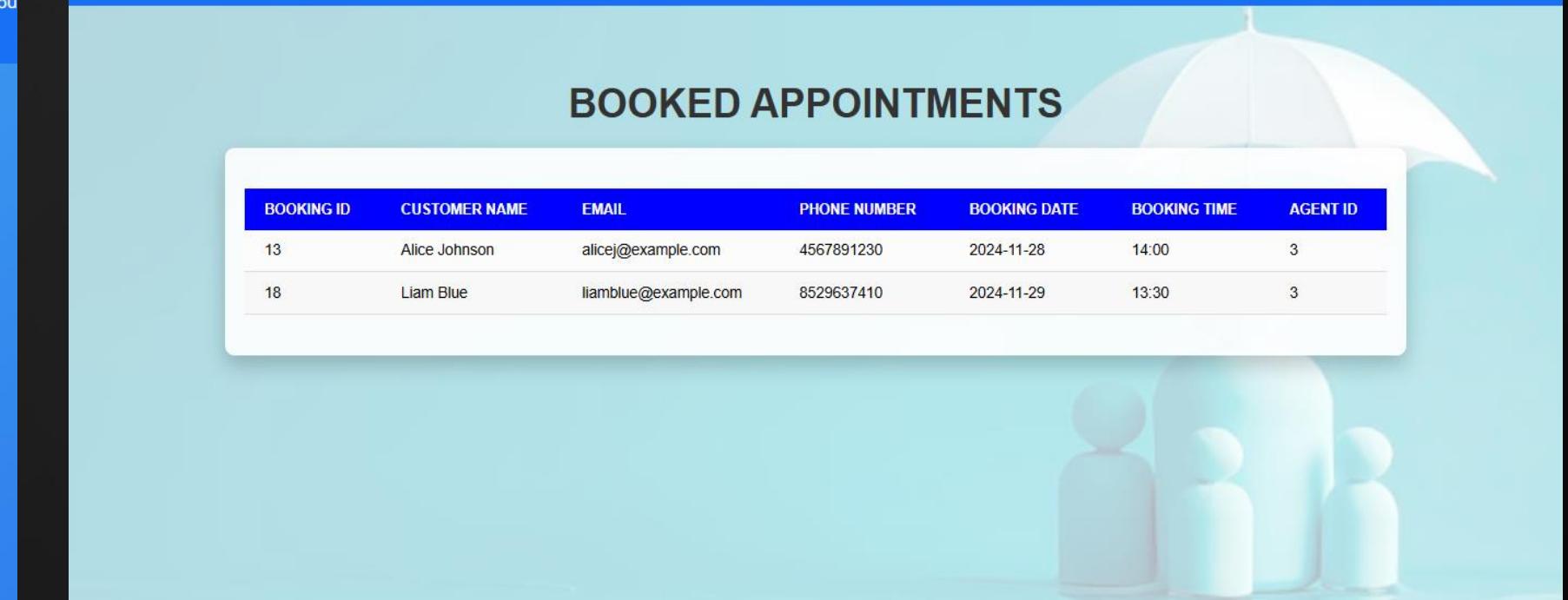
Check Appointments

 My Policy Hub

Home Set Status Set Availability View Appointments Logout

## BOOKED APPOINTMENTS

BOOKING ID	CUSTOMER NAME	EMAIL	PHONE NUMBER	BOOKING DATE	BOOKING TIME	AGENT ID
13	Alice Johnson	alicej@example.com	4567891230	2024-11-28	14:00	3
18	Liam Blue	liamblue@example.com	8529637410	2024-11-29	13:30	3



# Admin End : Home, Features

**My Policy Hub**

Home Login  
You are here / Admin / Admin Login

**ADMIN LOGIN**

Username   
Password   
Forgot Password?  
Login

**My Policy Hub**

Home View Plans Add Plan Add Agent Subscribers AI Assist Logout

Add Plan View Plans Add Agent View Agents Subscribers  
Predict Health Charges

**My Policy Hub**

Home View Plans Add Plan Add Agent Subscribers Logout

**ADD PLAN**

Plan Category:   
Plan Name:   
Plan Description:   
Plan Tier: Basic   
Age Group:

**My Policy Hub**

Home View Plans Add Plan Add Agent Subscribers Logout

**Create Agent**

Name:   
Gender: Male   
Password:   
Languages Known: e.g., English, Spanish   
Location:

# Admin End : Features

## Insurance Services

Home View Plans Add Plan Add Agent Subscribers Logout

### Life Insurance

Policies: 500  
Claims: 30

[View Plans](#)

### Health Insurance

Policies: 300  
Claims: 25

[View Plans](#)

### Vehicle Insurance

Policies: 400  
Claims: 50

[View Plans](#)

### Home Insurance

Policies: 200  
Claims: 15

[View Plans](#)

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## My Policy Hub

Home View Plans Add Plan Add Agent Subscribers Logout

### Insurance Plans for Life Category

#### Life Shield Policy

Description: A comprehensive life insurance plan with coverage for accidental death and critical illness.  
Tier: Platinum  
Age Group: 25-65  
Gender: Both  
Premium: ₹4000.0  
Coverage: ₹1000000.0

[Delete](#)

## Available Agents

**John Doe**

Gender: Male  
Languages Known: English, Spanish  
Location: New York  
Working Hours: 00:20:00 - 22:20:00  
Status: Not Available

[Delete](#)

**Jane Smith**

Gender: Female  
Languages Known: English, French  
Location: Los Angeles  
Working Hours: 07:14:00 - 18:12:00  
Status: Available

[Delete](#)

**David Brown**

Gender: Male  
Languages Known: English, German  
Location: Chicago  
Working Hours: 08:00:00 - 16:00:00  
Status: Busy

[Delete](#)

**Emily White**

Gender: Female  
Languages Known: English, Italian  
Location: San Francisco  
Working Hours: 09:30:00 - 17:30:00  
Status: Available

[Delete](#)

**Michael Johnson**

Gender: Male  
Languages Known: English, Portuguese  
Location: Miami  
Working Hours: 08:30:00 - 17:00:00  
Status: Available

[Delete](#)

**Sarah Lee**

Gender: Female  
Languages Known: English, Chinese  
Location: Dallas  
Working Hours: 09:00:00 - 16:00:00  
Status: Available

[Delete](#)

**Valluri Venkat ram**

Gender: Male  
Languages Known: English  
Location: Vijayawada  
Working Hours: 08:46:00 - 11:50:00  
Status: Busy

[Delete](#)

**Valluri Venkat ram**

Gender: Male  
Languages Known: English  
Location: Vijayawada  
Working Hours: 12:53:00 - 06:47:00  
Status: Not Available

[Delete](#)

## My Policy Hub

Home View Plans Add Plan Add Agent Subscribers Logout

### Registered Customers

ID	First Name	Last Name	Email	Phone	Gender	Date of Birth	Address	Plan ID	Subscription Date	Status
1	John	Doe	johndoe@example.com	1112223333	Male	1990-05-15	123 Elm Street, Springfield	1	2024-01-01	Active
2	Jane	Smith	janesmith@example.com	4445556666	Female	1985-03-22	456 Oak Street, Shelbyville	2	2023-12-01	Inactive
3	Alex	Taylor	alextaylor@example.com	7778889999	Other	1992-07-30	789 Pine Street, Capital City	3	2024-06-15	Cancelled
4	Chris	Brown	chrisbrown@example.com	2223334444	Male	1991-09-10	101 Maple Avenue, Springfield	2	2024-05-20	Active
5	Emily	Clark	emilyclark@example.com	5556667777	Female	1989-11-12	202 Birch Lane, Shelbyville	1	2024-02-10	Active
6	Michael	Johnson	michaeljohnson@example.com	9990001111	Male	1995-01-25	303 Cedar Road, Springfield	4	2024-03-05	Inactive
7	Sarah	Miller	sarahmiller@example.com	8887776666	Female	1987-06-18	404 Ash Street, Capital City	5	2024-04-15	Cancelled
8	Daniel	Lee	daniellee@example.com	1231231231	Male	1994-08-	505 Palm Drive,	3	2024-06-10	Active

# AI Assist – Predict the Health charges

My Policy Hub

Home View Plans Add Plan Add Agent Subscribers Logout

## ENTER CUSTOMER DATA

Age:

Sex:

Male

BMI:

Children:

Smoker:

Yes

Region:

Northwest

## PREDICTION RESULT

No prediction available. Submit the form to get a prediction.

My Policy Hub

Home View Plans Add Plan Add Agent Subscribers Logout

## ENTER CUSTOMER DATA

Age:

Sex:

Male

BMI:

Children:

Smoker:

Yes

Region:

Northwest

## PREDICTION RESULT

The predicted health charges are: 11315.7 Rupees /-

# Conclusion



This insurance management application offers a user friendly, secure platform that simplifies insurance processes. With key features like user authentication, appointment scheduling, and plan management, it enhances both customer experience and operational efficiency. The admin dashboard allows for streamlined oversight, ensuring easy management of agents, schedules, and plan information. Overall, this project effectively meets essential needs, improving service efficiency and customer satisfaction.

# Our Team

Ajit Beniwal

Anubhav Bhattacharjee

Katikireddy Shalini

Naveen Vijayakumar

Valluri Venkatram



THANK YOU