

Team DOM RANGERS

Insurance Policy Management Web Application

Project Overview

We are developing a responsive Insurance Policy Management Web Application using Angular and Tailwind CSS with a JSON Server (db.json) backend and JWT-based authentication. The application supports multi-role registration and role-based login/redirection for Admin, Customer, and Agent users.

The system provides a complete mini-project flow covering onboarding, policy purchase, claim processing, monitoring, and reporting.

Technology Stack

1. Frontend: Angular + Tailwind CSS
2. Backend (Mock): JSON Server (db.json)
3. Authentication: JWT-based Authentication
4. Storage: Local storage / browser-based document handling

Core Features

1. Responsive professional Home Page
2. Secure authentication and authorization using JWT
3. Multi-role registration and role-based routing
4. Dedicated dashboards for Admin, Customer, and Agent users

Admin Dashboard Features

1. System overview and statistics
2. Policy catalog management (CRUD operations)
3. Agent management
4. Claims monitoring
5. Claim assignment to agents
6. Claim approval/rejection with remarks

Customer Dashboard Features

1. Browse and filter insurance policies by type, premium, and coverage
2. View detailed policy information
3. Policy purchase/application flow with premium calculation
4. Policy portfolio management
5. Premium and payment status tracking
6. Claim filing with auto-filled policy details
7. Document upload interface with checklist

8. Real-time styled claim status tracking
9. Claim history view
10. Local document storage with metadata linked to policies and claims

Agent Dashboard Features

1. View assigned customers
2. Track policy sales
3. Commission calculation
4. Maintain customer communication logs
5. View assigned claims
6. Assist in claim processing and coordination
7. Update claim status as assigned

Additional System Features

1. Renewal reminders
2. Policy cancellation and endorsement request workflow
3. Local document storage linked with claims and customers

Roles and Responsibilities

- **Nanda Kishor:**

Home Page, Authentication, Multi-role Registration, JWT-based Login, Remember Me functionality, Role-based Routing and Route Guards

- **A. Rohith Reddy:**

Admin Dashboard, Policy Management (CRUD), Agent Management, Claims Monitoring, Assign/Approve/Reject Claims with Remarks, Reports, Statistics, and Revenue Summary

- **Rithwika:**

Customer Dashboard, Policy Catalog with Filters, Policy Details, Policy Purchase/Application with Premium Calculator, Policy Portfolio, Payment Status View, Claim Filing, Claim Tracking and History, Customer Document Management (Local Storage UI)

- **Abhishek:**

Agent Dashboard, Assigned Customers View, Policy Sales Tracking, Commission Calculator, Customer Communication Logs, Assigned Claims View, Support Updates and Coordination Features