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# **MILESTONE-02**

**INFOSYS SPRINGBOARD**

**JAVA TECH STACK VIRTUAL INTERNSHIP PROJECT**

**INSURAI AI-POWERED INSURANCE ASSISTANCE SYSTEM**

**PRESENTED BY**

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**PVPSIT**



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# AGENDA



ABSTRACT



TECHNOLOGIES



HOME PAGE



UI AND  
FEATURES



REGISTRATION



LOGIN PAGE



VALIDATION



DOCUMENTATION

# INSURAI-POWERED INSURANCE ASSISTANCE SYSTEM

## ABSTRACT

- **INSURAI – AI Powered Insurance Assistance System** is a full-stack web application developed to automate and optimize insurance-related workflows using modern technologies and artificial intelligence.
- The system provides **role-based access** for **Admin, HR, Agent, and Employee**, enabling secure authentication, policy management, claim processing, fraud detection, and AI-powered user assistance. Insurance systems in many organizations still rely on manual processes for policy management, claims handling, and customer support, leading to inefficiencies and delays.
- The application is built using **Spring Boot** for the backend, **React (Vite)** for the frontend, **Supabase** for cloud database services, and **Cohere AI** for intelligent chatbot responses.





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# TECHNOLOGIES

## ARCHITECTURE DIAGRAM

Frontend (React + Axios)

|

REST APIs

|

Backend (Spring Boot + JWT + Security)

|

|

Database Layer (JPA / Hibernate)

# HOME PAGE

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## Smarter Insurance Management for Modern Enterprises

Empower your organization with automation, analytics, and transparency in corporate insurance operations.

[Get Started](#)

Automated Claims



Smart Policies



Real-time Analytics



Fraud Detection

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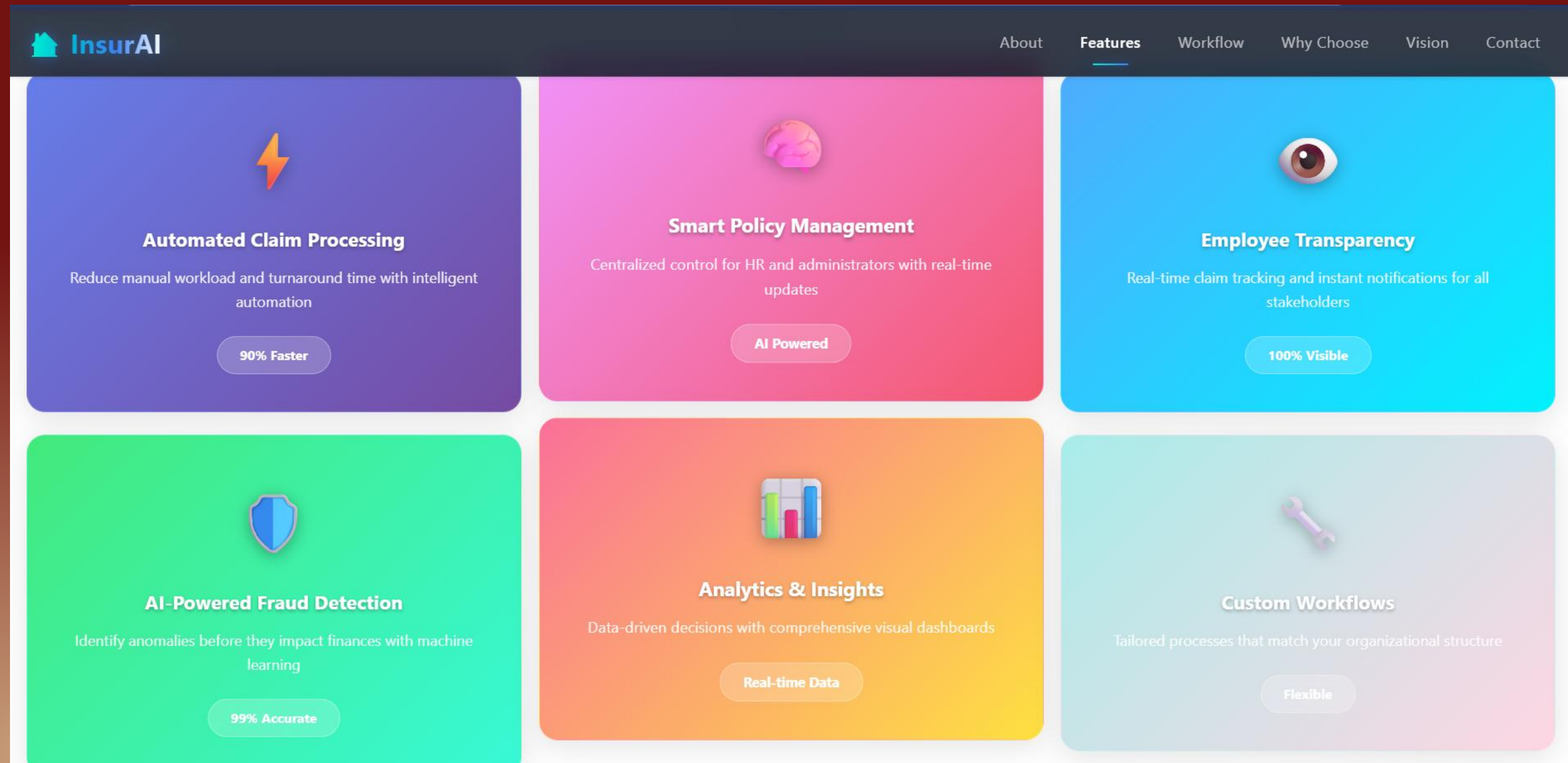




# UI AND FEATURES

## ADVANTAGES OF THE SYSTEM

- Fully automated insurance workflows
- Secure authentication and authorization
- AI-powered user support
- Cloud-based scalable architecture
- User-friendly dashboards
- Real-time claim tracking



# REGISTRATION



InsurAI

## Join Our AI-Powered Insurance Platform

Transform your insurance experience with cutting-edge artificial intelligence and secure enterprise solutions.



AI-Powered Risk Assessment



Enterprise-Grade Security



Collaborative Team Features



## Create Account

Join InsurAI and start your journey

Employee ID



gaaisha05@gmail.com

Full Name



AAISHA SULTANA GUDURU

Email Address



gaaisha05@gmail.com

Password



.....



Create Account

Already have an account?



# REGISTRATION



InsurAI

## Join Our AI-Powered Insurance Platform

Transform your insurance experience with cutting-edge artificial intelligence and secure enterprise solutions.



AI-Powered Risk Assessment



Enterprise-Grade Security



Collaborative Team Features



## Create Account

Join InsurAI and start your journey



Email address already registered. Please use a different email.

Employee ID



gaaisha05@gmail.com

Full Name



AAISHA SULTANA GUDURU

Email Address



gaaisha05@gmail.com

Password



.....



Create Account

# LOGIN PAGE



**InsurAI**

## Welcome Back to InsurAI Platform

Access your AI-powered insurance dashboard and  
continue transforming the insurance experience.



Real-time Risk Analytics



Secure Enterprise Access



Team Collaboration Tools

Join 10,000+ insurance professionals worldwide



## Welcome Back

Login to your InsurAI account

Email Address

 gaaisha05@gmail.com

Password

 .....



[Forgot Password?](#)

**Sign In to Dashboard**

Don't have an account?

[Create New Account](#)

 Secure Authentication • JWT Protected

# LOGIN PAGE

InsurAI HR

HR Management Portal

Access your comprehensive HR dashboard to manage employees, track performance, and oversee organizational operations.

Employee Database Management

Performance Analytics

Secure Access Control

Enterprise HR Management System

HR Login

Access your HR dashboard

Email Address

admin@insurai.com

Password

.....

Access HR Dashboard

← Back to Home

Secure HR Portal • Confidential Access



# LOGIN PAGE



InsurAI Admin

## System Administrator Portal

Access the comprehensive admin dashboard to manage users, monitor system performance, and configure enterprise settings.



User Management & Permissions



System Configuration



Advanced Analytics & Reports

Enterprise-grade security and monitoring



## Admin Login

Enter your credentials to access the dashboard

Email Address

admin@insurai.com

Password

.....

Access Admin Dashboard

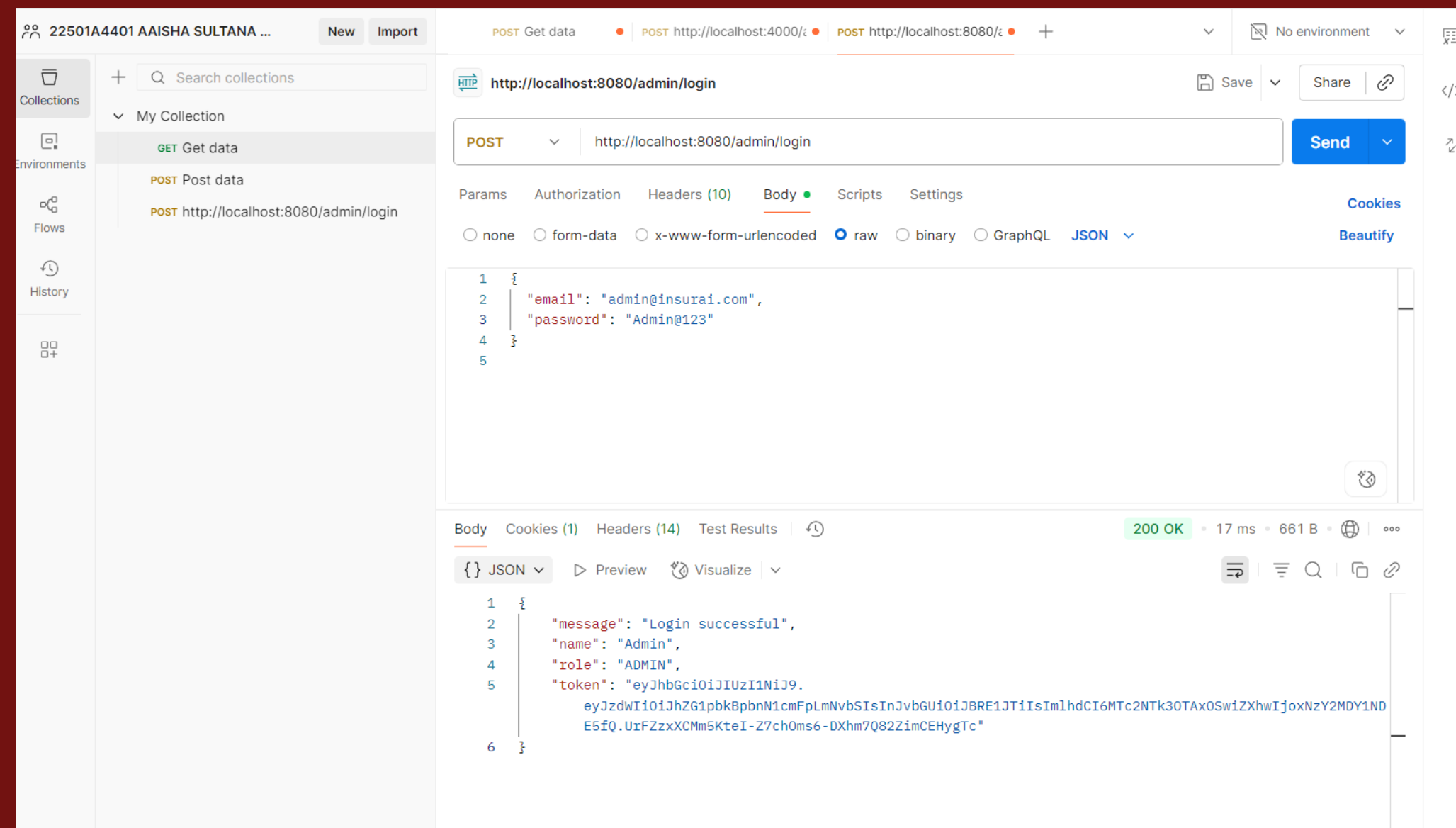
System administrator access only

[Forgot Password?](#) | [← Back to Portal](#)

Secure Admin Access • JWT Protected

# VALIDATION

- ✓ Backend APIs tested using Postman
- ✓ Frontend tested on live Netlify deployment
- ✓ Role-based routing validated
- ✓ JWT token validation tested
- ✓ Multiple user flows verified



# VALIDATION



InsurAI Admin

## System Administrator Portal

Access the comprehensive admin dashboard to manage users, monitor system performance, and configure enterprise settings.



User Management & Permissions



System Configuration



Advanced Analytics & Reports

Enterprise-grade security and monitoring



## Admin Login

Enter your credentials to access the dashboard

⌚ Invalid admin credentials

Email Address

✉ hr@insurai.com

Password

🔒 .....



Access Admin Dashboard

System administrator access only

[Forgot Password?](#) | [← Back to Portal](#)

🔒 Secure Admin Access • JWT Protected



# DOCUMENTATION

The screenshot shows a GitHub repository page for 'INFOSYS-SPRINGBOARD-INSURAI-JAVA-TECH-STACK-PROJECT' by user 'gitsish'. The repository is public and has 0 stars, 0 forks, and 0 watches. The main branch is 'main'. The repository contains the following files and folders:

File/Folder	Description	Commit Time
insurai-backend	Add application properties for backend configuration	1 hour ago
insurai-frontend	Initial commit with Insurai backend and frontend	yesterday
.gitignore	Ignored JVM crash logs	yesterday
README.md	Revise project structure and add API usage details	yesterday

The README file is selected and shows the following content:

**Insurai – AI Powered Insurance Assistance System** 🚀 **Project Overview**

Insurai is a full-stack AI-powered insurance assistance platform developed as part of the Infosys Springboard – Java Tech Stack Project. The system digitizes and automates insurance operations such as policy management, claims processing, fraud detection, and employee support using modern web technologies and AI integration.

The application supports multiple user roles (Admin, HR, Agent, Employee) with secure authentication and role-based access.

**Live Application**

Frontend (Deployed on Netlify): 🖱️ <https://effortless-speculoos-08f92d.netlify.app/>

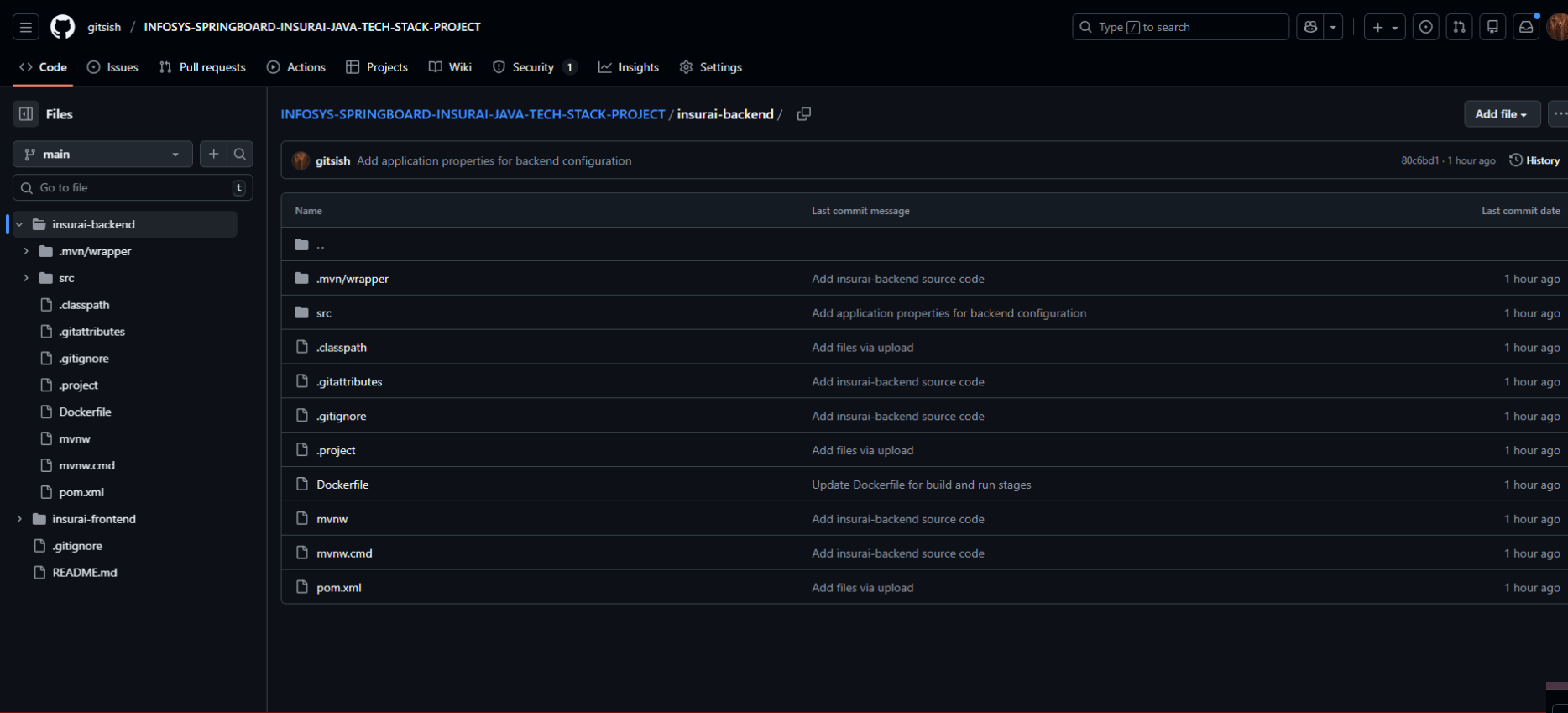
Backend is a Spring Boot application tested locally and via Postman.

The right sidebar shows the repository's statistics and links to the README, Activity, Releases, Packages, and Languages sections. The Languages section shows the following distribution:

Language	Percentage
JavaScript	79.8%
Java	16.7%
CSS	3.5%

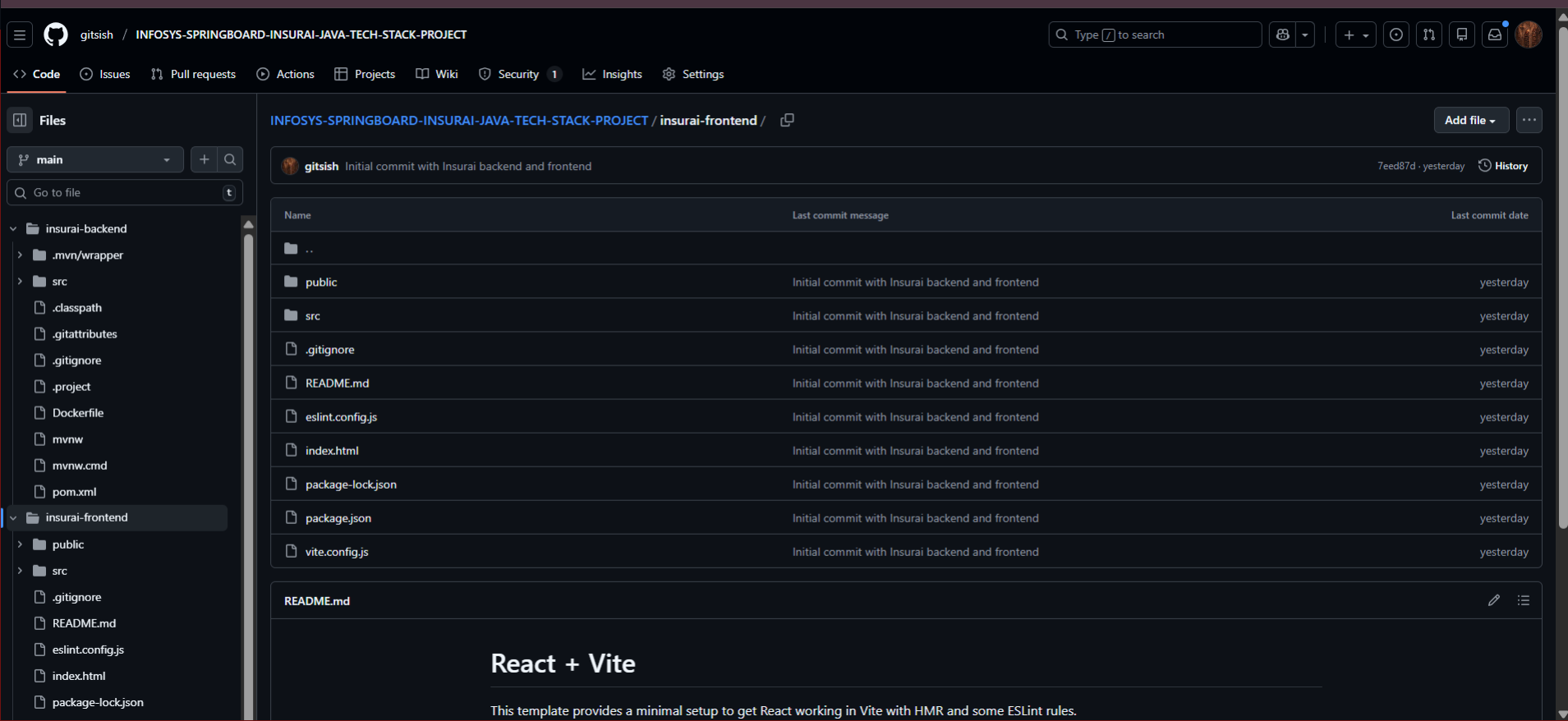
README → <https://github.com/gitsish/INFOSYS-SPRINGBOARD-INSURAI-JAVA-TECH-STACK-PROJECT/blob/main/README.md>

# DOCUMENTATION



BACKEND

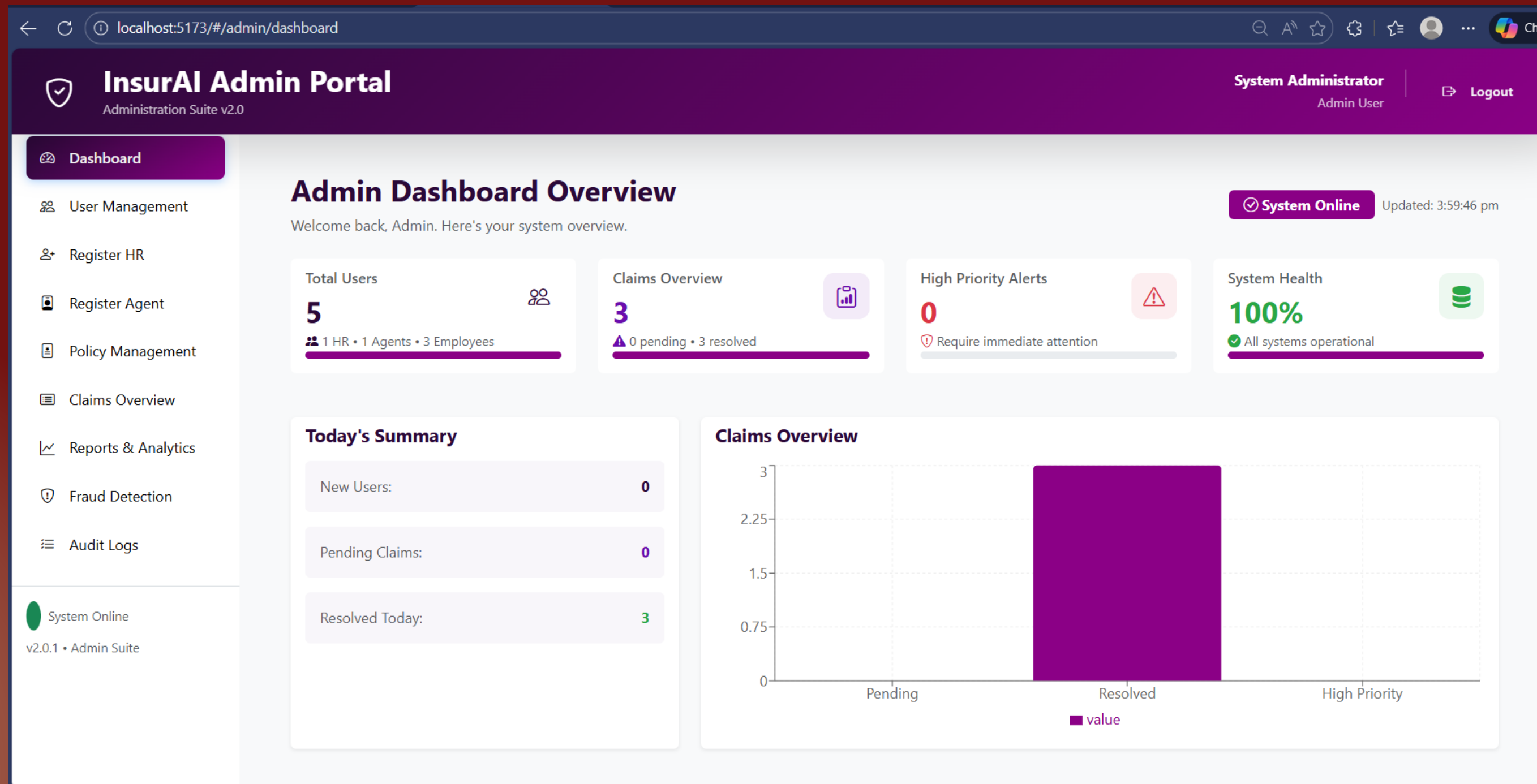
FRONTEND



REPOSITORY→<https://github.com/gitsish/INFOSYS-SPRINGBOARD-INSURAI-JAVA-TECH-STACK-PROJECT/tree/main>

# CONCLUSION

InsurAI is a complete AI-Powered Insurance Assistance Platform that demonstrates the practical implementation of Full-Stack Java development with modern frontend technologies and AI integration. The project successfully meets its objectives by providing a secure, scalable, and intelligent solution for insurance management.





THANK  
*YOU*

The image features a warm, gradient background transitioning from a light beige at the top to a deep, muted red at the bottom. The text "THANK YOU" is centered, with "THANK" in a bold, black, all-caps serif font and "YOU" in a black, all-caps script font. A small, dark red four-pointed star is positioned within the letter 'O' of "YOU". To the left of the text, there are two small, dark red four-pointed stars. To the right, there is a large, dark red starburst with eight points, a smaller four-pointed star, and two curved lines with dots at their ends, resembling orbits or paths.