CareAssist

YOUR HEALTH, OUR PRIORITY

Medical Billing and Claims Management System

At CareAssist, we embark on a mission to revolutionize healthcare management through our cutting-edge project - an innovative and comprehensive solution designed for the future of medical billing and claims management

Trainer : Javeed Sir

Project Member:

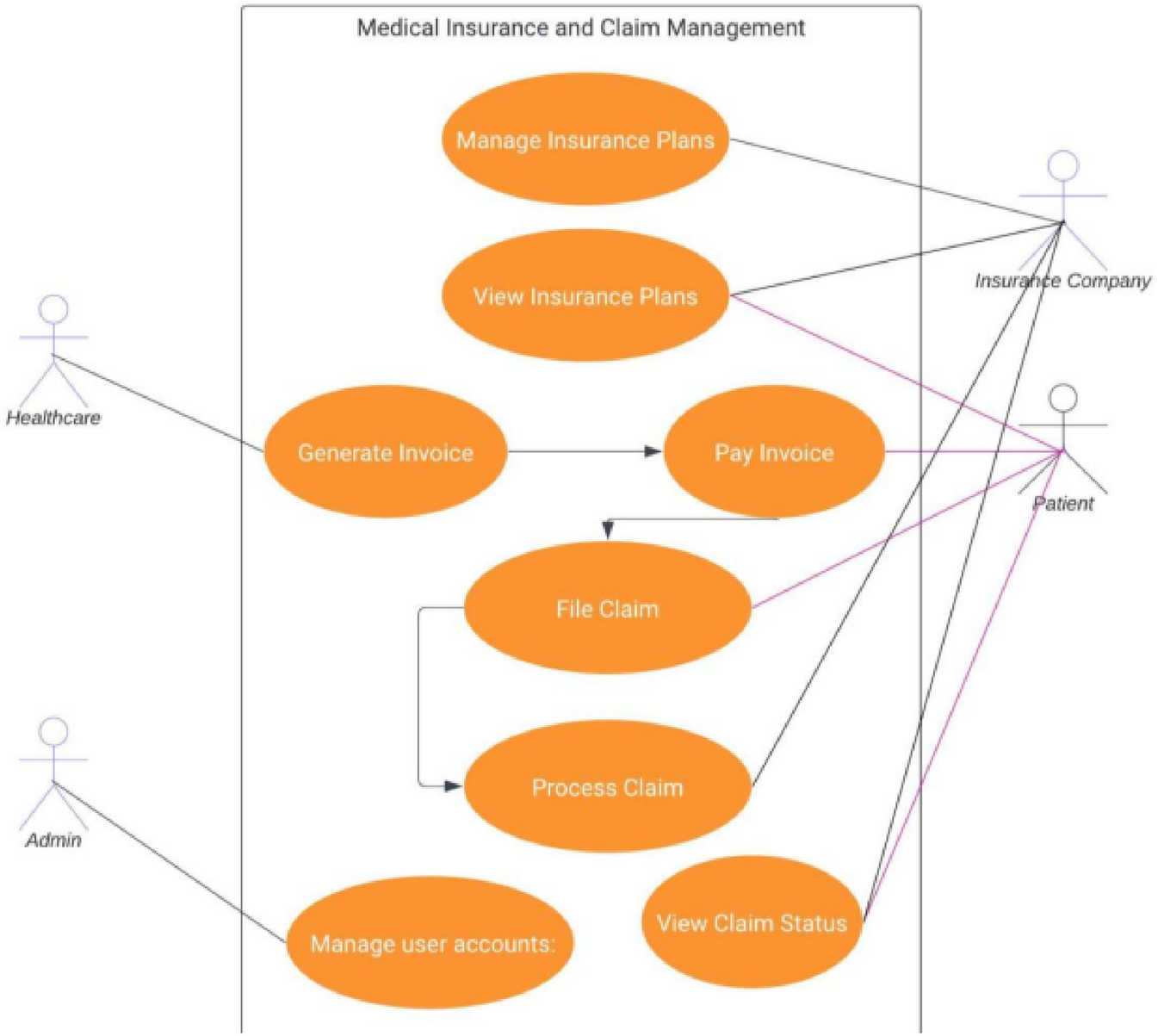
- **Rajat Darvhekar**
- **Hema Sree**

Problem Statement

Medical Billing And Claims Management System

Problem Statement : The Medical Billing and Claims Management System is a comprehensive application designed to streamline the complex process of medical billing, claims submission, and reimbursement for healthcare providers, insurance companies, and patients. The system aims to reduce administrative burdens, improve accuracy, and enhance communication between stakeholders.

Use Case Diagram



Actors

Patient:
Use Case: Register as a new patient.
Use Case: Log in as an existing patient.
Use Case: Update personal information.
Use Case: view all insurance plan details.
Use Case: Select an insurance plan.
Use Case: View invoice.
Use Case: Submit a claim

Healthcare Provider:
Use Case: Log in as a healthcare provider.
Use Case: Generate an invoice.
Use Case: Notify patient of the invoice

Administrator:
Use Case: Log in as an administrator.
Use Case: View system dashboard.
Use Case: Manage user accounts

Insurance Company:
Use Case: Review and process claims.
Use Case: Approve claims.
Use Case: View patient claim history

Technologies Used

Backend

- Spring Rest
- Spring data JPA
- JWT Authentication
- JUnit

Front End

- HTML, CSS
- BootStrap
- Angular

Testing

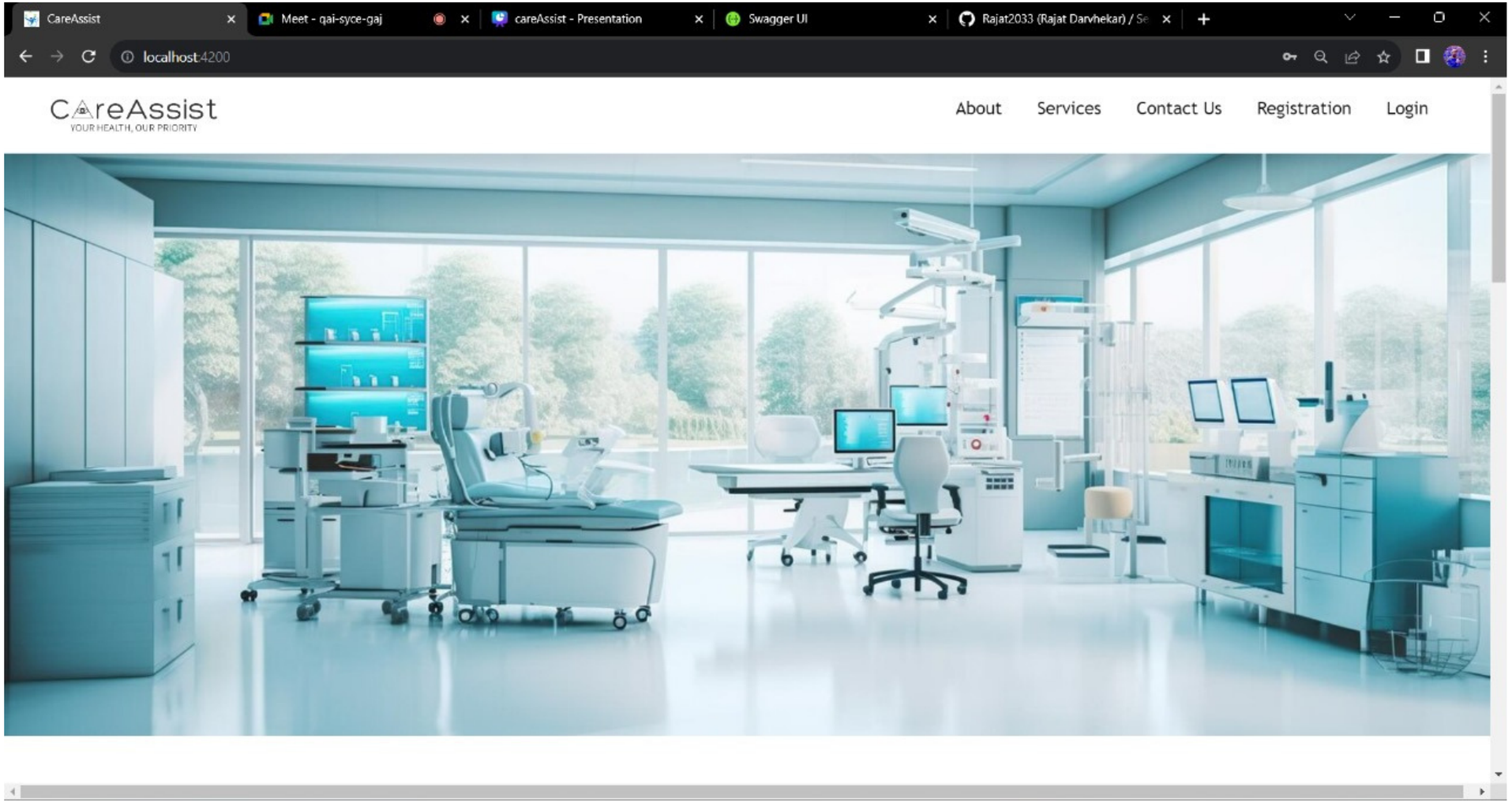
- Unit Testing

Code Quality Analysis

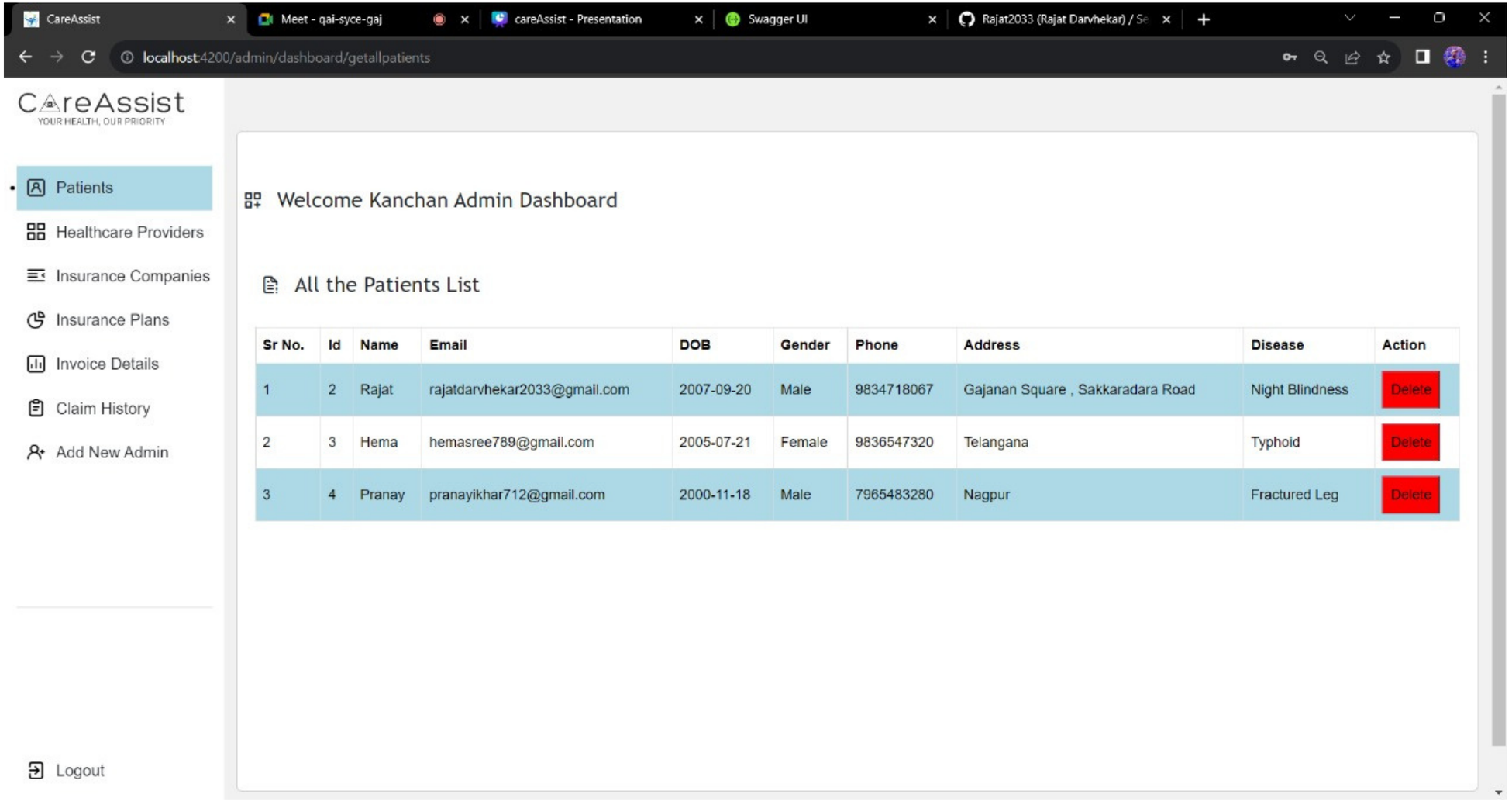
- SonarLint

Screenshots of Our Project

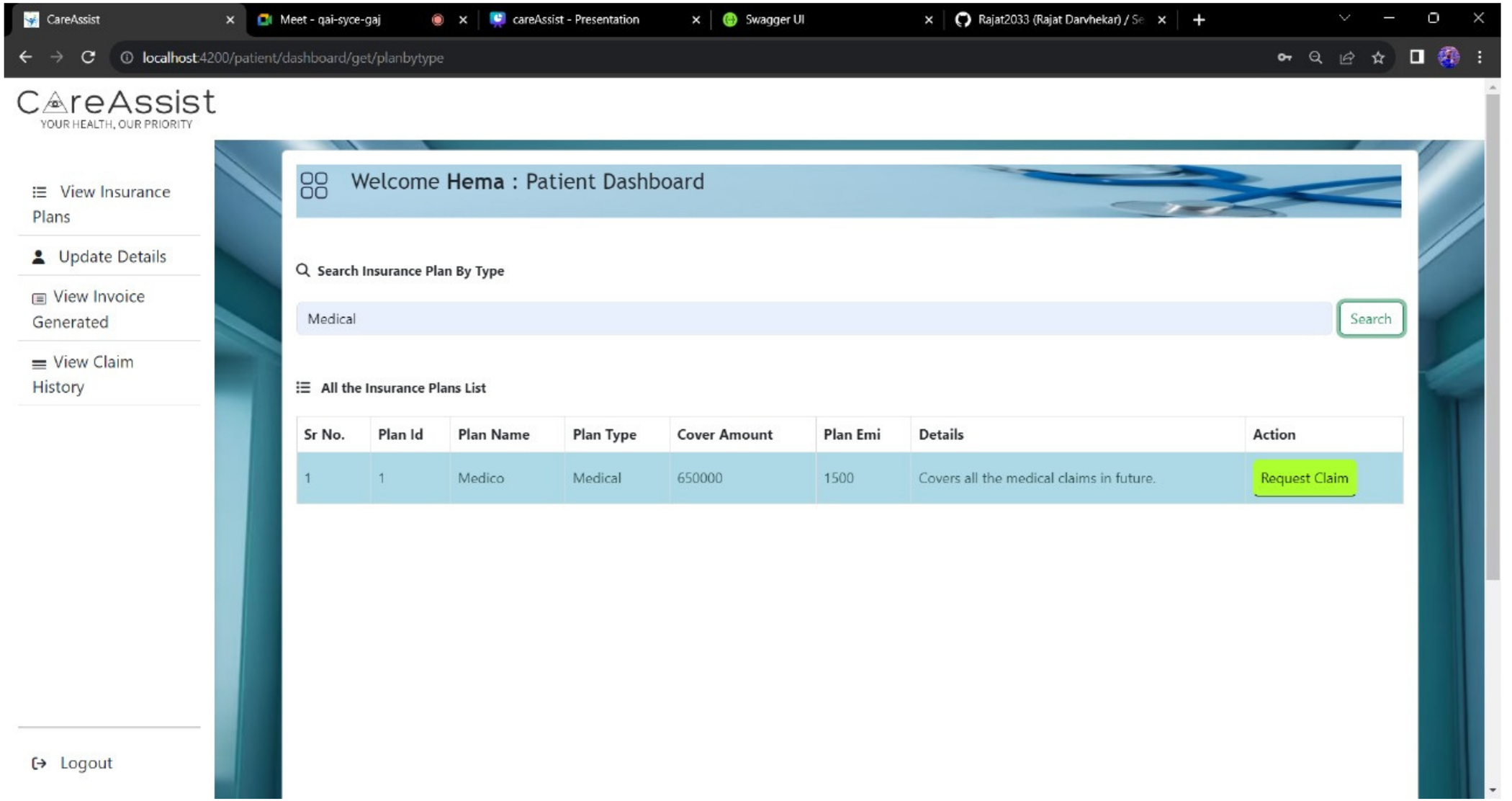
Home Page



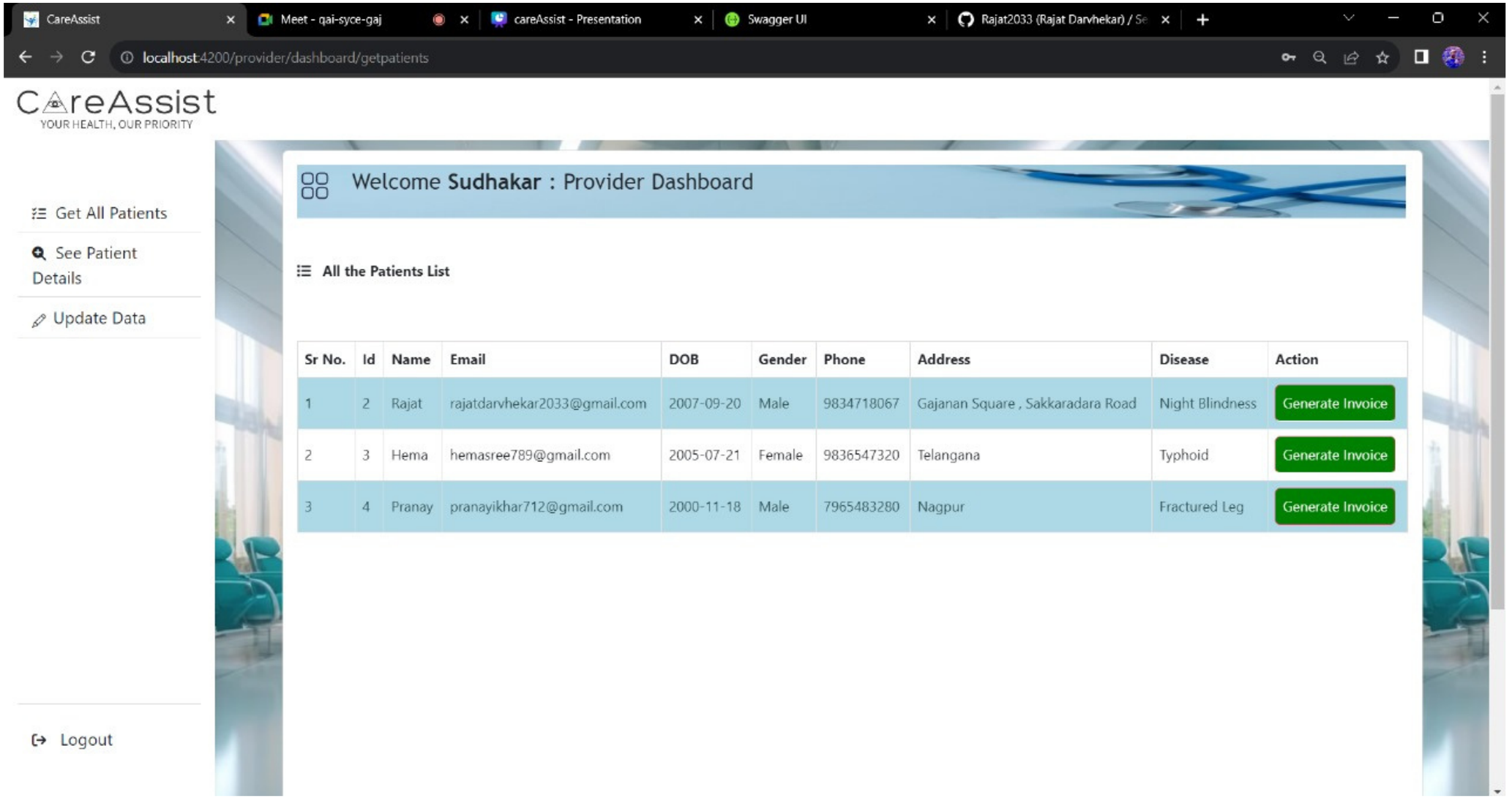
Admin Dashboard



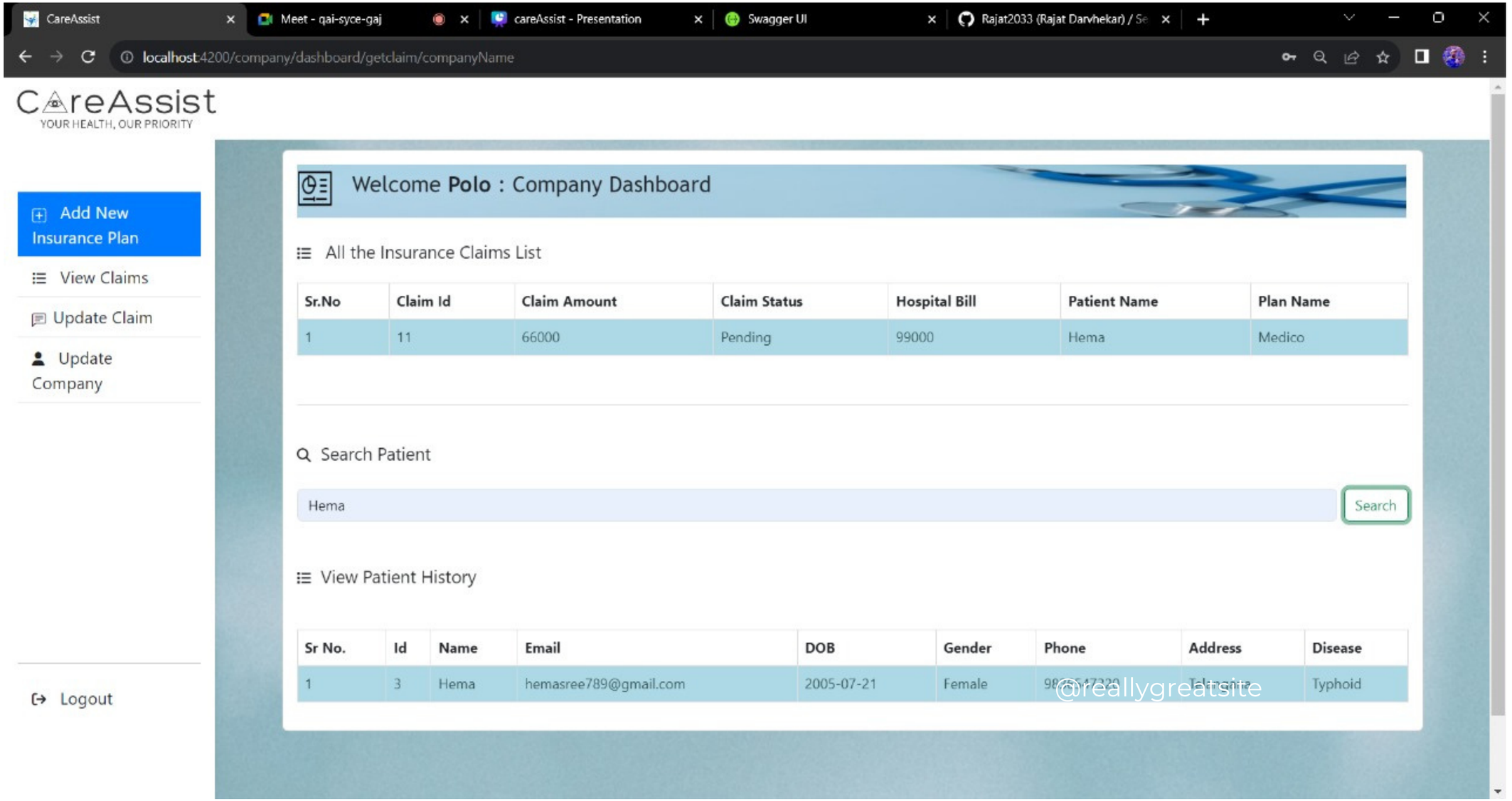
Patient Dashboard



Provider Dashboard



Company Dashboard



Generated Invoice

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Invoice Details

- Invoice Id : 500
- Invoice Date : 2023-12-22
- Invoice Due Date : 2023-12-30
- Patient Id : 1
- Patient Name : Rajat
- Patient Address : Gajanan Square, Sakkaradara Road
- Invoice Tax : 9
- Consultation Fees : 1200
- Diagnostic TestFees : 15000
- Diagnostic ScansFees : 36000
- Calculated Amount : 52200
- Total Bill Amount : 56898

Thank You.

For Your Attention