

WIPRO NGA Program – EP JAVA Batch

Capstone Project Presentation – 11 july 2024

Project Title Here - Medical Billing and Claims Management System

Presented by – Pranay Kumar, Ravi Prasanna ,Janaki Ram , Madhu



Medical billing and claims management system

Trainer : Javeed

Team : Pranay Kumar

: Ravi Prasanna

: Janaki Ram Vamshi

: Madhu

What is 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.

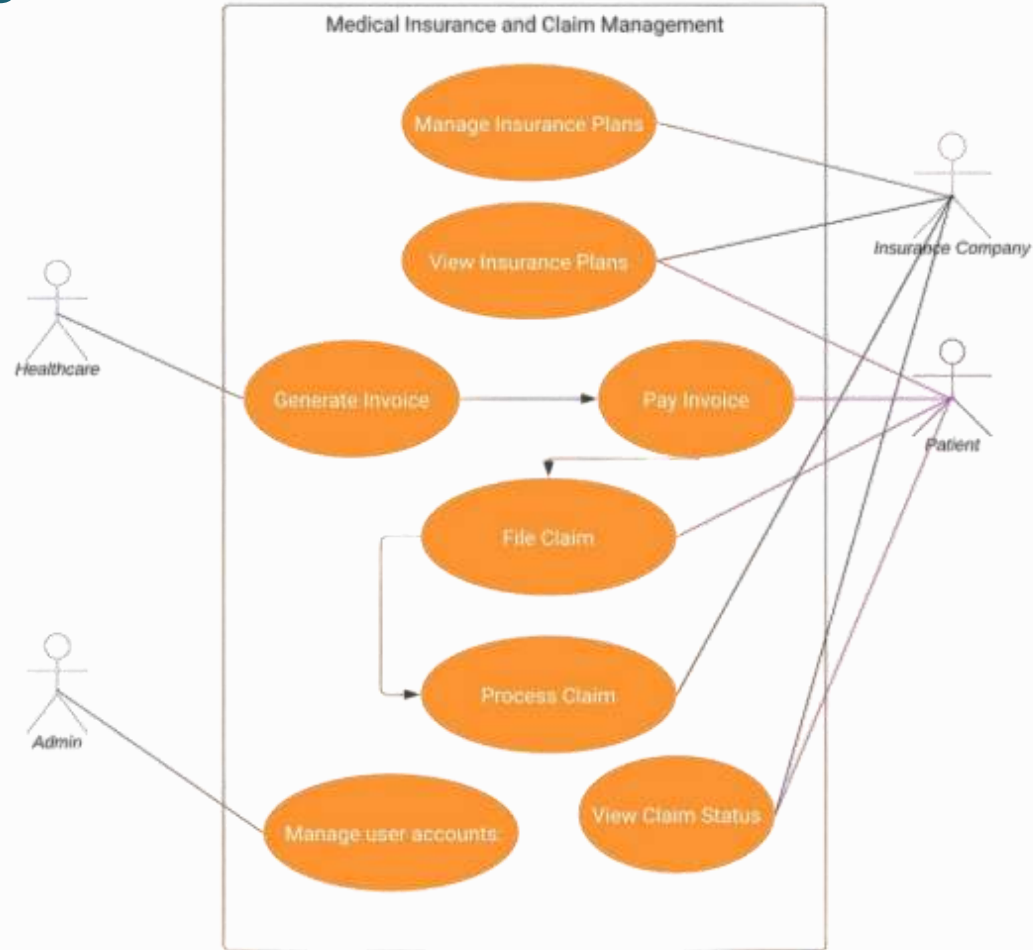
Our solution

The Medical Billing and Claims Management System is a streamlined application for handling medical billing, claims submission, and reimbursement processes



insurance

Use case Diagram :



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:

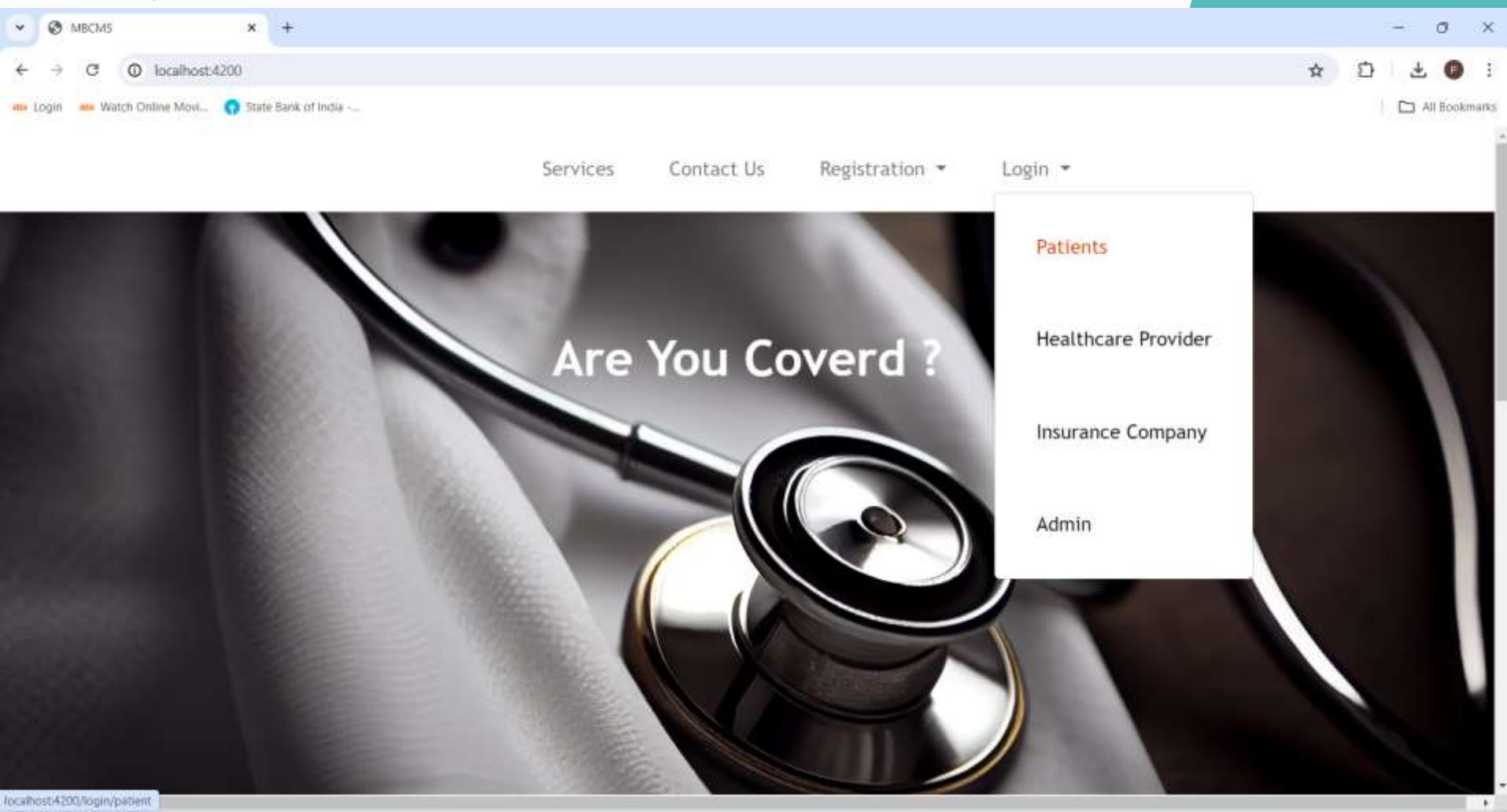
- Use Case: Log in as a healthcare provider.
- Use Case: Generate an invoice.
- Use Case: Notify patient of the invoice

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



Patients Registrations Form

MBCMS

localhost:4200/registerprovider

Login Watch Online Movie State Bank of India All Bookmarks

REGISTRATION FORM HEALTHCARE PROVIDER

Enter Name

Enter Password

Enter Email Id

Enter your Speciality

Register

← Home


Patient panel page

EP_Java Fullstack Training_9th | Meeting now | Microsoft T | MBCMS

localhost:4200/patient/dashboard/get/planbytype

LoginWatch Online MovieState Bank of India

All Bookmarks

[View Insurance Plans](#) [Update Details](#) [View Claim History](#) [Logout](#)

Welcome **Ravi**

Search Insurance Plan By Type

Search

All the Insurance Plans List

Sr No.	Plan Id	Plan Name	Plan Type	Cover Amount	Plan Emi	Details	Action
--------	---------	-----------	-----------	--------------	----------	---------	--------

Health care Provider panel :

EP_Java Fullstack Training_9th | Meeting now | Microsoft T... | MBCMS | ChatGPT

localhost:4200/provider/dashboard/getpatients

Login Watch Online Movi... State Bank of India

Get All Patients Search Patient Details Update Data Logout

Welcome **Pranay**

All the Patients List

No.	Id	Name	Email	DOB	Gender	Phone	Address	Disease	Action
1	1	Ravi	ravi@gmail.com	2000-07-05	Male	9456123789	Vizag	Cold	<button>Generate Invoice</button>
2	2	Madhu	madhu@gmail.com	2000-02-10	Male	946454545	Vizag	Leg Fracture	<button>Generate Invoice</button>

Update page for health care provider:

The screenshot shows a web browser window with the address bar displaying `localhost:4200/provider/dashboard/update/provider`. The browser's tab bar includes several open tabs: "EP_Java Fullstack Training_9th", "Meeting now | Microsoft", "MBCMS", and "ChatGPT". The browser's bookmark bar shows "Login", "Watch Online Movie", and "State Bank of India". The page's navigation bar contains links for "Get All Patients", "Search Patient Details", "Update Data" (which is highlighted in blue), and "Logout".

The main content area of the page is titled "Welcome **Pranay**". Below this, there is a large white box with the heading "UPDATE HEALTHCARE PROVIDER". Inside this box, there are several form fields for updating a provider's information:

- Enter Provider Id**: A text input field with the placeholder "Enter Your Id".
- Enter Name**: A text input field with the placeholder "Enter Your Full Name".
- Enter Password**: A text input field with the placeholder "Enter Your Password".
- Enter Email Id**: A text input field with the placeholder "Ex : xyz@gmail.com".
- Enter Gender**: A dropdown menu with the placeholder "select gender".
- Enter your Speciality**: A text input field with the placeholder "Enter speciality".
- Enter your Designation**: A text input field (partially visible at the bottom).

Thank
you

