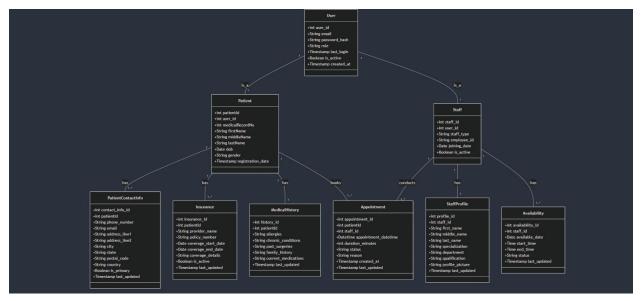
Group Number: 10

Project Topic: WellCare – Hospital Management System

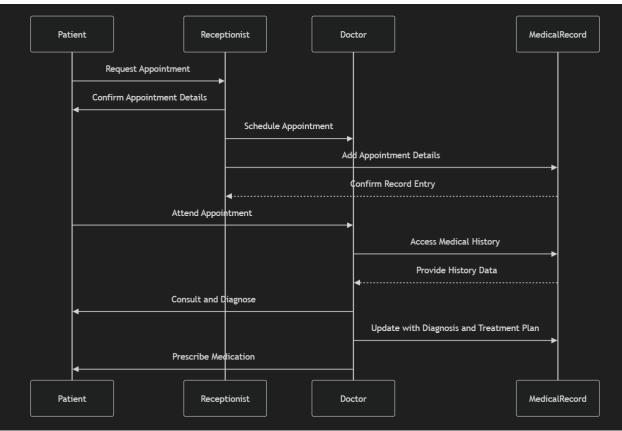
Problem Statement:

Hospitals today face increasing challenges in managing their operations efficiently due to growing patient demands, fragmented workflows, and reliance on manual processes. Issues such as inefficient appointment scheduling, lack of centralized medical records, and inadequate staff and resource management contribute to delays, errors, and diminished patient experiences. One critical improvement is displaying billing information directly on the Patients Tab, enabling patients to stay informed about their expenses, reducing confusion, and fostering transparency. This not only enhances communication but also builds trust between patients and healthcare providers. Moreover, hospitals often struggle to engage patients with timely notifications for appointments, test results, and follow-ups, further impacting care quality. The WellCare - Hospital Management System addresses these challenges by offering a comprehensive platform to streamline scheduling, centralize patient data, and improve patient engagement. By integrating modern technologies, it aims to enhance operational efficiency, optimize resource utilization, and ultimately elevate the quality of patient care.

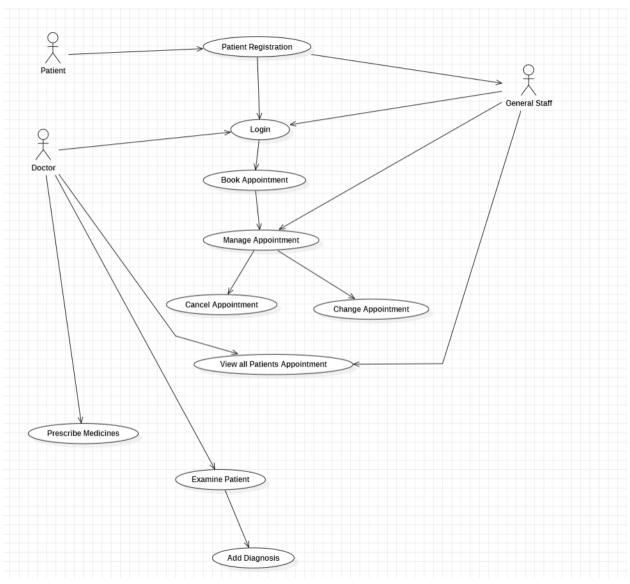
1) Class Diagram:



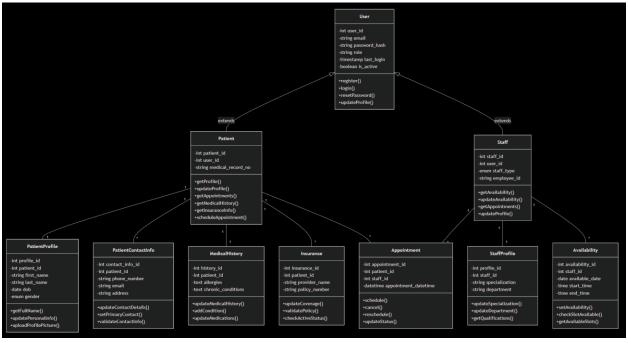
2) Sequence Diagram:



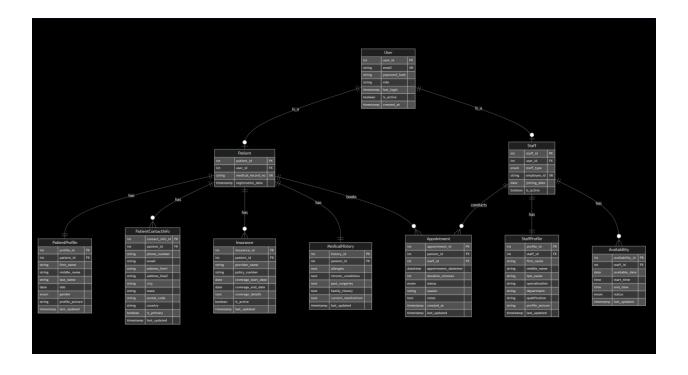
3) Use Case Diagram:



4) Object Diagram:



5) ER Diagram:



Object Oriented Concepts:

- 1) Class and Objects
- 2) Interfaces
- 3) Encapsulation
- 4) Abstraction
- 5) Inheritance
- 6) Polymorphism
- 7) Singleton
- 8) Factory Design Pattern

Tech Stack:

Frontend:

• Thymeleaf, HTML, CSS, JavaScript, Bootstrap

Backend:

- Java, Spring Boot, Spring MVC, Spring Data JPA
- APIs

Database:

- MySQL
- WampServer (for data schema visualization and management)

DevOps & Tools:

- Git (version control), GitHub (repository hosting)
- Maven (build automation)
- Bruno (API testing)

Security:

Spring Security, JWT (for authentication and session handling)

IDE:

IntelliJ IDEA (for Java development and project management)

Functionalities that will be implemented by end of Milestone 2

- Develop CRUD APIs for various database tables.
- Integrate the developed APIs with the frontend to ensure seamless communication between the frontend and backend.
- Division of Work Among Team Members
- 1. **Nidhi Mehta -** Implement JWT for user authentication in the login API and develop CRUD APIs for the Staff table.
- 2. Katha Patel Create CRUD APIs for Patient Insurance Details and Medical History
- 3. Yashika Lodh Create CRUD APIs for Patient Contact Information and Appointment
- 4. Saniya Azmat Create CRUD APIs for Patient Basic Information and Prescription

Each team member is responsible for writing clean, well-documented code and testing their APIs to ensure functionality and reliability before integration with the frontend.

Team Contributions

1. Nidhi Mehta

- a. Set up the development environment in alignment with the selected tech stack, ensuring all dependencies, tools, and frameworks were properly configured in each team member's device.
- b. Contributed significantly to designing and implementing the database schema, ensuring its compatibility with the project requirements.
- c. Developed the basic login API, which includes user authentication and successfully connected it with the frontend, enabling smooth user login functionality.

2. Katha Patel

- a. Designed the Entity-Relationship (ER) Diagram to define database structure and relationships between tables and created the Object Diagram to visually represent objects and their interactions within the system.
- b. Played a key role in building the database schema and ensuring its integration with the backend.
- c. Developed the API for inserting Patient Insurance Details.
- d. Took responsibility for managing the project workflow on GitHub by tracking tasks, managing issues, and ensuring team collaboration.

3. Yashika Lodh

- a. Designed the Sequence Diagram to map out the order of operations for critical workflows and the Use Case Diagram to detail system functionality from the user's perspective.
- b. Planned the Feature Flow/UI Flow for the project, ensuring the front-end user experience aligns with backend functionality.
- c. Developed the API for inserting Patient Contact Information.

4. Saniya Azmat

- a. Created the Class Diagram to define the structure of key system classes, their attributes, and methods, which helped guide API development.
- b. Conducted research on the requirements of a hospital management system.
- c. Developed the API for inserting Patient Basic Information.

Group Number: 10

Project Topic: WellCare – Hospital Management System

Tech Stack:

Frontend:

• Thymeleaf, HTML, CSS, JavaScript, Bootstrap

Backend:

- Java, Spring Boot, Spring MVC, Spring Data JPA
- APIs

Database:

- MySQL
- WampServer (for data schema visualization and management)

DevOps & Tools:

- Git (version control), GitHub (repository hosting)
- Maven (build automation)
- Bruno (API testing)

Security:

Spring Security, JWT (for authentication and session handling)

IDE:

• IntelliJ IDEA (for Java development and project management)

Functionalities implemented for Milestone 2

Comprehensive CRUD Operations

CRUD (Create, Read, Update, Delete) functionality was implemented for several critical entities in the hospital management system:

- **Medical History**: Enables tracking and updating a patient's past and ongoing medical conditions.
- **Patient Insurance**: Facilitates storing and managing insurance details for billing and verification.
- **Patient Contact Information**: Manages patient communication details like phone numbers and addresses.
- **Appointments**: Allows scheduling, modifying, and canceling appointments between patients and staff.
- **Staff**: Supports staff management, including details about roles, departments, and availability.
- **Patient Basic Information**: Provides CRUD capabilities for managing general patient data such as name, gender, and date of birth.
- **Prescriptions**: Handles storing and retrieving prescription details issued to patients.

Backend-Frontend Integration

All backend APIs developed for the above entities were seamlessly integrated with the frontend. This ensures real-time functionality and enables a smooth user experience. Users can now interact with the system's key modules through intuitive UI components backed by dynamic server operations.

JWT-Based Authentication

A secure login mechanism was implemented using JSON Web Tokens (JWT), ensuring:

• Authentication: Verifies user identity with secure token-based login.

• Role-Based Redirection: Directs users to appropriate dashboards (e.g., staff or patient) based on their role, enhancing usability and workflow management.

These features collectively improve security, provide efficient management of hospital data, and offer a user-friendly interface.

Object Oriented Concepts Implemented

1. Encapsulation

- Hiding the internal state of an object and only exposing necessary components through getters and setters
- Usage: Fields in InsuranceDTO are private and accessed via getters and setters, ensuring encapsulation.

```
package edu.neu.csye6200.model;

public class InsuranceDTO { 29 usages ± Katha Patel*

// Private fields
private String insuranceNumber; 2 usages
private int patientId; 2 usages
private String insuranceType; 2 usages
private String insuranceDate; 2 usages
private String coverageDetails; 2 usages
private String insuranceProvider; 2 usages
private String insuranceProvider; 2 usages

// public Getter and Setter methods
public String getInsuranceNumber() { return insuranceNumber; }

public void setInsuranceNumber(String insuranceNumber) { this.insuranceNumber = insuranceNumber; }

public Integer getPatientId() { return patientId; } 1 usage ± Katha Patel

public void setPatientId(int patientId) { this.patientId = patientId; } 2 usages ± Katha Patel
```

2. Abstraction

- Hiding implementation details and exposing only essential features.
- Usage: The MedicalHistoryService interface hides the implementation of logic provided in MedicalHistoryImpl.

```
import java.time.LocalDateTime;
                                                                                       A1 A3 ^
   import java.util.stream.Collectors;
   public class MedicalHistoryImpl implements MedicalHistoryService {
       @Autowired
       private MedicalHistoryRepository medicalHistoryRepository;
       @Override 1 usage ∴ Katha Patel
       public List<MedicalHistoryDTO> getAllMedicalHistory() {
           return medicalHistoryRepository.findAll().stream().map(history -> convertToDTO(history)).colle
       @Override 1 usage ≗ Katha Patel
       public MedicalHistoryDTO getMedicalHistoryById(Long id) {
          MedicalHistory history = medicalHistoryRepository.findById(id)
                  .orElseThrow(() -> new RuntimeException("Medical history not found with id: " + id));
                             MedicalHistoryService.java
                                                      MedicalHistory.java
      MedicalHistoryImpl.java
      package edu.neu.csye6200.service;
      import edu.neu.csye6200.model.MedicalHistoryDTO;
      import java.util.List;
7 🛇 🗓 | public interface MedicalHistoryService { 4 usages 1 implementation 🚨 Katha Patel
         MedicalHistoryDTO saveMedicalHistory(MedicalHistoryDTO patientMedicalHistoryDTO); 1usage 1implementati
         MedicalHistoryDTO updateMedicalHistory(Long id, MedicalHistoryDTO patientMedicalHistoryDTO); 1usage
```

3. Class and Objects

- A class is a blueprint for creating objects. An object is an instance of a class.
- Classes such as LoginController, InsuranceController, MedicalHistoryContoller, PatientInfoController, PatientContactInfoDTO and LoginDTO define the structure and behavior of the application.

```
O DashboardController
      InsuranceController
      © LoginController
      MedicalHistoryController
      © PageController
      © PatientContactInfoController
      O PatientInfoController
      O PrescriptionController
  (C) Insurance
      © MedicalHistory
      © Patient
      © Prescription
  © InsuranceDTO
      © LoginDTO
      MedicalHistoryDTO
      © PatientContactInfoDTO
      © PatientInfoDTO
```

```
import edu.neu.csye6200.model.AppointmentDTO;
import edu.neu.csye6200.service.AppointmentService;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.http.ResponseEntity;
import org.springframework.web.bind.annotation.*;

import java.util.List;

@RestController *Yashika.T.Lodh
@RequestMapping(** "/appointments")
public class AppointmentController {

    @Autowired
    private AppointmentService appointmentService;

    @PostMapping** *Yashika.T.Lodh
    public ResponseEntity<AppointmentDTO> createAppointment(@RequestBody AppointmentDTO appointmentDTO) {
        return ResponseEntity.ok(appointmentService.saveAppointment(appointmentDTO));
    }
}
```

4. Interfaces

- An interface defines a contract that implementing classes must adhere to, without providing implementation details.
- PatientContactInfoService and PatientContactInfoRespository are interfaces. They
 abstract business logic and database operations, respectively.

```
package edu.neu.csye6200.service;

public interface PatientContactInfoService { 4 usages 1 implementation ± Yashika.T.Lodh

PatientContactInfoDTO savePatientContactInfo(PatientContactInfoDTO patientContactInfoDTO); 1 usage 1 public PatientContactInfoDTO save (PatientContactInfoDTO patientContactInfoDTO); 1 implementation ± Ya
}

package edu.neu.csye6200.repository;

import edu.neu.csye6200.entity.PatientContactInfoEntity;
import org.springframework.data.jpa.repository.JpaRepository;
import org.springframework.stereotype.Repository;
import java.util.Optional;

@Repository 2 usages ± Yashika.T.Lodh
public interface PatientContactInfoRepository extends JpaRepository<PatientContactInfoEntity, Long> {
    default Optional<PatientContactInfoEntity> findByPatientId(Long patientId) { return null; }}
```

5. Inheritance

- A class derives from another class to reuse code or extend functionality.
- Usage: Used indirectly via Spring annotations (e.g., @RestController and @Repository) where classes like StaffController and StaffRepository inherit behavior from Spring Framework base classes.

```
@RestController ± Nidhi Mehta
@RequestMapping(⊕*"api/vi/staff")

public class StaffController {

@Autowired

private StaffService staffService;

@PostMapping(⊕*"/create") ± Nidhi Mehta
public ResponseEntity<String> createStaff(@RequestBody StaffDTO staffDTO) {
    staffService.createStaff(staffDTO);
    return ResponseEntity.ok( body: "Staff created successfully");
}

@PutMapping(⊕*"/update/{id}*") ± Nidhi Mehta
public ResponseEntity.ok( body: "Staff (@PathVariable int id, @RequestBody StaffDTO staffDTO) {
    staffService.updateStaff(id, staffDTO);
    return ResponseEntity.ok( body: "Staff updated successfully");
}

@GetMapping(⊕*"/get/{id}*") ± Nidhi Mehta
public ResponseEntity.ok( body: "Staff updated successfully");
}

@GetMapping(⊕*"/get/{id}*") ± Nidhi Mehta
public ResponseEntity.ok( staffDTO) setStaffById(@PathVariable int id) {
    StaffDTO staffDTO = staffService.getStaffById(id);
    return ResponseEntity.ok(staffDTO);
}
```

6. Polymorphism

 Polymorphism allows one interface to be used for different data types, meaning a method or function can work with objects of different classes or types.

```
@Service *Yashika.T.Lodh
public class AppointmentServiceImpl implements AppointmentService {

@Autowired
private AppointmentRepository appointmentRepository;

@Override 1usage *Yashika.T.Lodh
public AppointmentDTO saveAppointment(AppointmentDTO appointmentDTO) {

AppointmentEntity entity = new AppointmentEntity();

BeanUtils.copyProperties(appointmentDTO, entity);
```

7. Singleton

- A class ensures only one instance is created and provides global access to it.
- Usage: Spring automatically ensures that beans like PatientInfoImpl are singletons.

8. Factory Design Pattern

- Provides a way to create objects without specifying their exact class.
- Spring uses the Factory pattern internally to create and inject beans like PrescriptionServiceImpl.

9. Dependency Injection

- An object receives its dependencies from an external source rather than creating them itself.
- Usage: @Autowired annotation in PatientContactInfoController and PatientContactInfoImpl demonstrates dependency injection.

10. Separation of Concerns

- Dividing responsibilities among different classes or layers to improve modularity.
- Usage
 - Controller Layer: Handles HTTP requests (LoginController).
 - Service Layer: Contains business logic (LoginServiceImpl).
 - Repository Layer: Handles data access (LoginRepositoryImpl).

```
@RequestMapping(⊕∨"/api/v1")
public class LoginController {
      private LoginService loginService;
          boolean isPatientAuthenticated = loginService.authenticatePatient(loginDTO.getUsername(), loginDTO.getPassword());
          boolean isStaffAuthenticated = loginService.authenticateStaff(loginDTO.getUsername(), loginDTO.getPassword());
          if (isPatientAuthenticated) {
     private LoginRespository loginRespository;
         public boolean authenticatePatient(String userName, String password) {
             Optional<Patient> patient = loginRespository.findPatientByUsernameAndPassword(userName, password);
             return patient.isPresent();
         public boolean authenticateStaff(String userName, String password) {
             Optional<Staff> staff = loginRespository.findStaffByUsernameAndPassword(userName, password);
```

Functionalities that will be implemented by end of Milestone 3

1. Connecting APIs to Frontend

- Link all existing APIs with their respective front-end components.
- Ensure that data flows seamlessly between the frontend UI and backend logic, enabling dynamic updates and real-time user interaction.
- Make necessary updates to APIs, such as refining response formats or handling additional edge cases, to ensure compatibility with frontend requirements.

2. Setting the Flow of Frontend

Staff Dashboard:

- Define a clear navigation flow for staff members, such as managing appointments, viewing patient details, and accessing specific staff-related data.
- Streamline user interactions and improve usability with intuitive design and responsive layouts.

• Patient Dashboard:

- Organize front-end workflows for patients, including viewing personal medical history, managing insurance details, booking appointments, and accessing prescriptions.
- o Ensure smooth navigation with a consistent and user-friendly design.

3. Performing Necessary Testing

- Integration Testing: Verify that all APIs work as expected with their connected front-end components.
- **Functional Testing**: Test the correctness of both staff and patient workflows to ensure all features behave as intended.

By the end of this milestone, the system should have fully integrated APIs and a well-defined, tested frontend flow for both staff and patients, offering a cohesive and functional user experience.

Team Contributions

1. Katha Patel

- a. Developed CRUD APIs for **medical history**.
- b. Built CRUD APIs for patient insurance information.
- c. Integrated medical history and patient insurance APIs with the frontend.

2. Yashika Lodh

- a. Implemented CRUD APIs for **patient contact information**.
- b. Created CRUD APIs for appointment details.
- c. Integrated patient contact information APIs with the frontend.

3. Nidhi Mehta

- a. Developed CRUD APIs for **staff management**.
- b. Enhanced the login API by adding **JWT authentication**.
- c. Implemented **redirection logic** between staff and patient dashboards post-login.

4. Saniya Azmat

- a. Built CRUD APIs for patient basic information.
- b. Developed CRUD APIs for prescription details.
- c. Integrated patient basic information APIs with the frontend.

Group Number: 10

Project Topic: WellCare – Hospital Management System

Final Tech Stack:

Frontend:

• Thymeleaf, HTML, CSS, JavaScript, Bootstrap

Backend:

- Java, Spring Boot, Spring MVC, Spring Data JPA
- APIs

Database:

- MySQL
- WampServer (for data schema visualization and management)

DevOps & Tools:

- Git (version control), GitHub (repository hosting)
- Maven (build automation)
- Bruno (API testing)

Security:

Spring Security, JWT (for authentication and session handling)

IDE:

IntelliJ IDEA (for Java development and project management)

Functionalities Implemented:

Dashboard UI:

Tables displaying data such as appointments.

Search or filtering functionality.

Navigation features (sidebar, headers, etc.).

1. doctor-profile.html:

Displays information about doctors.

Likely includes fields for personal and professional details.

2. insurance.html:

Manages or displays insurance-related information.

May include forms or tables for insurance policies and claims.

3. login.html:

Implements the login functionality for users.

Includes input fields for username/email and password.

4. staff-all-appointments.html:

Displays a list of all appointments for staff.

5. Patient-profile.html:

Displays and allows editing of patient details, such as contact info, medical records, and preferences.

Could integrate with insurance and appointment systems for seamless profile updates.

6. Doctor-dashboard.html:

A dashboard for doctors to manage their schedules, patient interactions, and performance. Could include an overview of upcoming appointments, recent patient updates.

Dynamic Data Handling:

Fetching or displaying data dynamically (e.g., appointments, patients). pagination, and other data management.

Interactive Features:

Buttons with actions (e.g., "Details" button to view more about an appointment).

Authentication & Roles:

User login and authentication.

Role-based access (e.g., doctor, patient).

CRUD Operations:

Creating, reading, updating, and deleting entries in tables (e.g., appointments, patients).

Object Oriented Concepts:

1. Encapsulation

- Hiding the internal state of an object and only exposing necessary components through getters and setters
- Usage: Fields in MedicalHistoryDTO are private and accessed via getters and setters, ensuring encapsulation.

```
@=able(name = "medicalhistory")
public class MedicalHistory {
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    @Column(name = "history_id")
    private Long historyId;
    @Column(name = "patient_id", nullable = true) 2 usages
    private Long patientId;
    @Column(name = "allergies", columnDefinition = "TEXT", nullable = true) 2 usages
    private String allergies;
    @Column(name = "past_diseases", columnDefinition = "TEXT", nullable = true) 2 usages
    private String pastDiseases;
    @Column(name = "ongoing_medication", columnDefinition = "TEXT", nullable = true) 2 usages
    private String ongoingMedication;
    @Temporal(TemporalType.TIMESTAMP) 2 usages
    @Column(name = "created_at", nullable = false, updatable = false)
    @CreationTimestamp
    private LocalDateTime createdAt;
```

2. Abstraction

- Hiding implementation details and exposing only essential features.
- Usage: The AppointmentService interface hides the implementation of logic provided in AppointmentImpl.

```
package edu.neu.csye6200.service;
     import edu.neu.csye6200.model.AppointmentDTO;
Q public interface AppointmentService { 4 usages 1 implementation * Yashika.T.Lodh
        AppointmentDTO saveAppointment(AppointmentDTO appointmentDTO); 1 usage 1 implementation ± Yashika.T.Lodh
        AppointmentDTO getAppointmentById(Long appointmentId); 1 usage 1 implementation ± Yashika.T.Lodh
        List<AppointmentDTO> getAllAppointments(); 1usage 1implementation  

Yashika.T.Lodh
        @Service - Yashika.T.Lodh
    public class AppointmentServiceImpl implements AppointmentService {
        @Autowired
        private AppointmentRepository appointmentRepository;
        @Override 1usage ♣ Yashika.T.Lodh
        public AppointmentDTO saveAppointment(AppointmentDTO appointmentDTO) {
             AppointmentEntity entity = new AppointmentEntity();
             BeanUtils.copyProperties(appointmentDTO, entity);
             entity = appointmentRepository.save(entity);
             BeanUtils.copyProperties(entity, appointmentDTO);
             return appointmentDTO;
        @Override 1 usage ≜ Yashika.T.Lodh
        public AppointmentDTO getAppointmentById(Long appointmentId) {
             AppointmentEntity entity = appointmentRepository.findById(appointmentId)
                     .orElseThrow(() -> new RuntimeException("Appointment not found"));
             AppointmentDTO dto = new AppointmentDTO();
             BeanUtils.copyProperties(entity, dto);
```

3. Class and Objects

- A class is a blueprint for creating objects. An object is an instance of a class.
- Classes such as LoginController, InsuranceController, MedicalHistoryContoller,
 PatientInfoController, PatientContactInfoDTO and LoginDTO define the structure and behavior of the application.

```
O DashboardController
      InsuranceController
      © LoginController
      © MedicalHistoryController
      © PageController
      © PatientContactInfoController
      PatientInfoController
      © PrescriptionController
  © Insurance
      © MedicalHistory
      © Patient
      © Prescription
  © InsuranceDTO
      © LoginDTO
      MedicalHistoryDTO
      © PatientContactInfoDTO
       PatientInfoDTO
```

4. Interfaces

- An interface defines a contract that implementing classes must adhere to, without providing implementation details.
- StaffService and StaffRespository are interfaces. They abstract business logic and database operations, respectively.

```
public void createStaff(StaffDTO staffDTO) {
          Staff staff = staffRepository.findById(staffID).orElseThrow(() -> new RuntimeException("Staff not found"));
      package edu.neu.csye6200.repository;
      import edu.neu.csye6200.entity.Staff;
      import org.springframework.data.jpa.repository.JpaRepository;
      import org.springframework.stereotype.Repository;
      @Repository 2 usages ♣ Nidhi Mehta
8 🛇
     public interface StaffRepository extends JpaRepository<Staff, Integer> {
```

5. Inheritance

- A class derives from another class to reuse code or extend functionality.
- Usage: Used indirectly via Spring annotations (e.g., @RestController and @Repository) where classes like AppointmentController and AppointmentRepository inherit behavior from Spring Framework base classes.

```
### Of the Company o
```

6. Polymorphism

• Polymorphism allows one interface to be used for different data types, meaning a method or function can work with objects of different classes or types.

7. Singleton

- A class ensures only one instance is created and provides global access to it.
- Usage: Spring automatically ensures that beans like PrescriptionServiceServiceImpl are singletons.

8. Factory Design Pattern

- Provides a way to create objects without specifying their exact class.
- Spring uses the Factory pattern internally to create and inject beans like PatientContactInfoServiceImpl.

9. Dependency Injection

- An object receives its dependencies from an external source rather than creating them itself.
- Usage: @Autowired annotation in LoginController and LoginServiceImpl demonstrates dependency injection.

10. Separation of Concerns

- Dividing responsibilities among different classes or layers to improve modularity.
- Usage

- Controller Layer: Handles HTTP requests (InsuranceController).
- Service Layer: Contains business logic (InsuranceServiceImpl).
- Repository Layer: Handles data access (InsuranceRepositoryImpl).

```
package edu.neu.csye6200.repository;

import edu.neu.csye6200.entity.Insurance;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.stereotype.Repository;

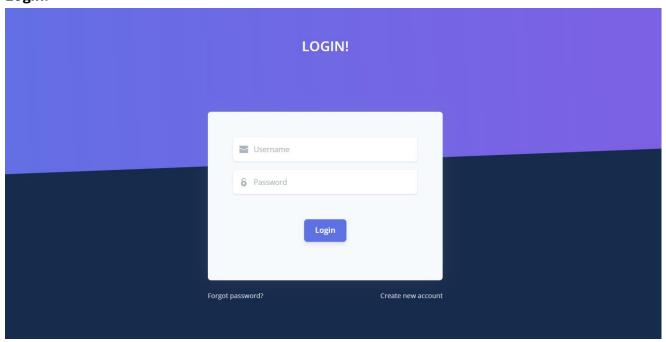
import java.util.Optional;

Repository 2 usages ± Katha Patel

public interface InsuranceRepository extends JpaRepository<Insurance, Integer> {
    // Add custom query methods as needed, for example:
    Optional<Insurance> findByInsuranceNumber(String insuranceNumber); no usages ± Katha Patel
}
```

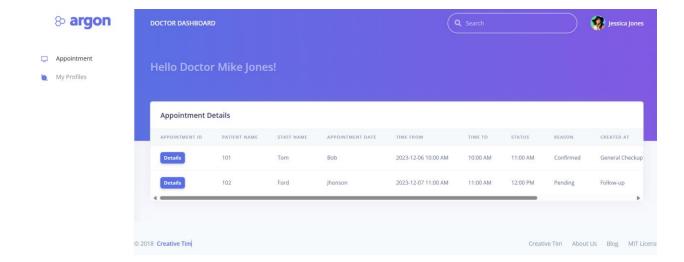
Screenshots of UI:

1. Login:

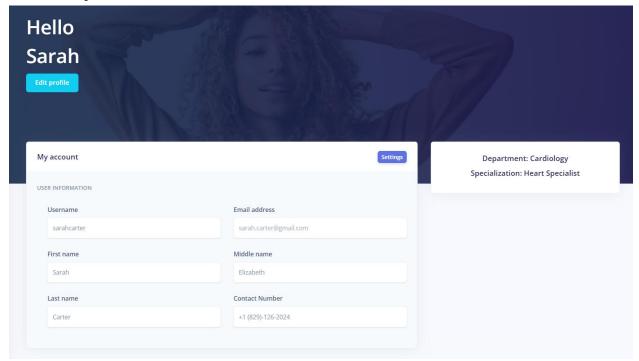


2. Doctors Dashboard:

Main Page that will be seen by doctor after logging in.

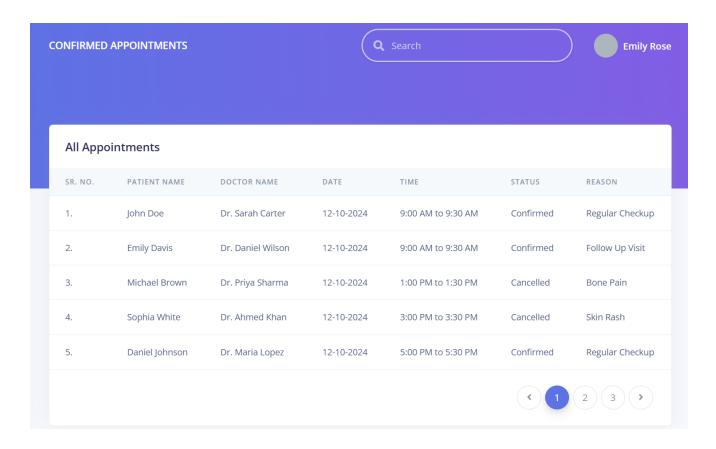


3. Doctors My Profile:



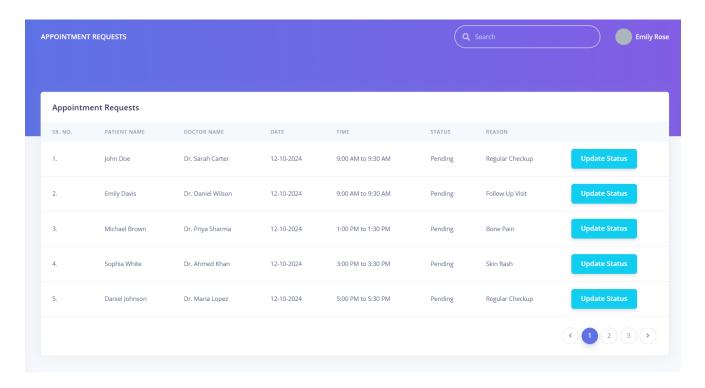
4. Staffs All Scheduled Appointments:

All confirmed appointments which will be seen on staff's dashboard

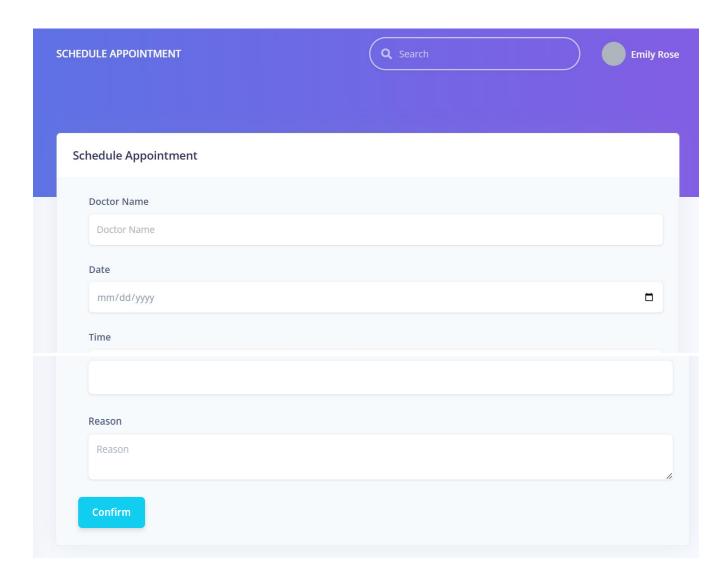


5. Staffs All Appointment Request:

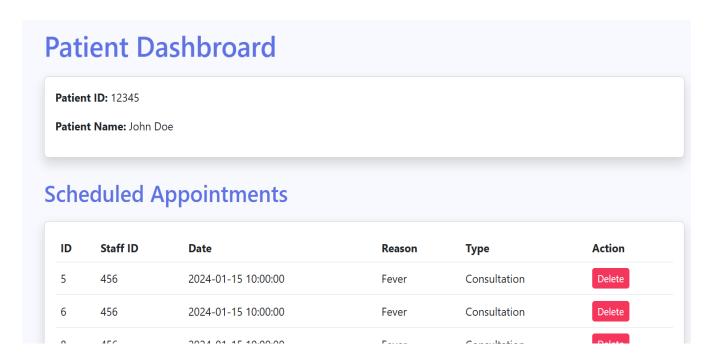
All the appointments which will be seen by staff to confirm



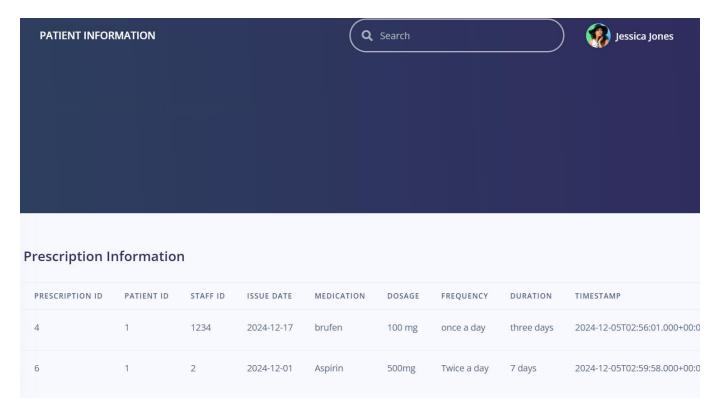
6. Patients Schedule Appointment:



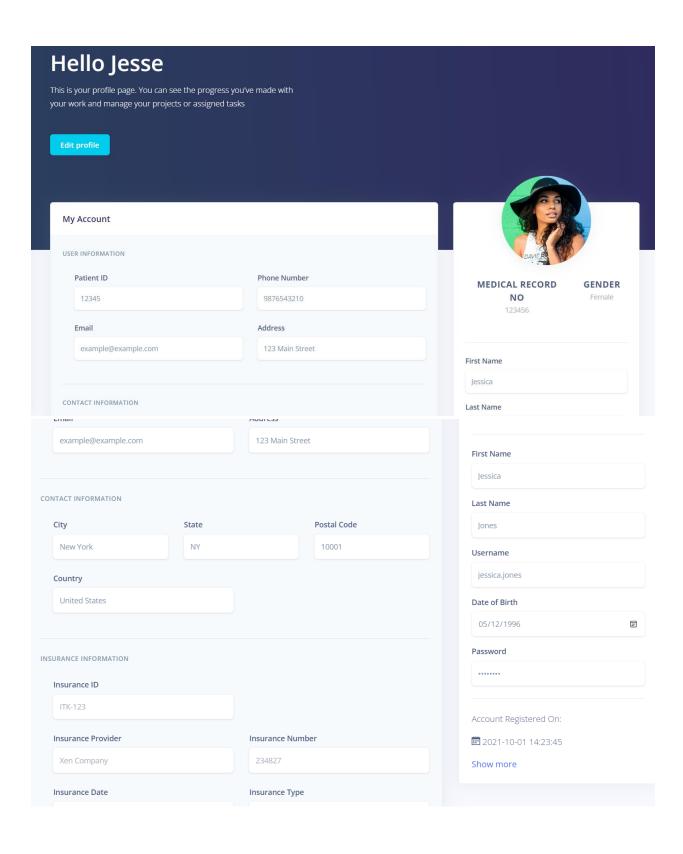
7. Patients All Appointments:



8. Patients Medication and prescription:



9. Patient Profile:



Team Contributions:

Katha Patel

- Developed the Doctor's Dashboard.
- Designed and implemented the Patient Information Profile for doctors.
- Integrated APIs for medical history and patient insurance into the frontend.

Yashika Lodh

- Designed the Staff Appointment Requests interface.
- Developed the Patient Dashboard.
- Created functionality to display all patient appointments.

Nidhi Mehta

- Designed and implemented the Login Page.
- Developed the Doctor's "My Profile" page.
- Built the Staff's Scheduled Appointments interface.

Saniya Azmat

- Created the Staff Dashboard and Staff Profile.
- Integrated Prescription Information APIs with the frontend.
- Integrated APIs for patient basic information into the frontend.