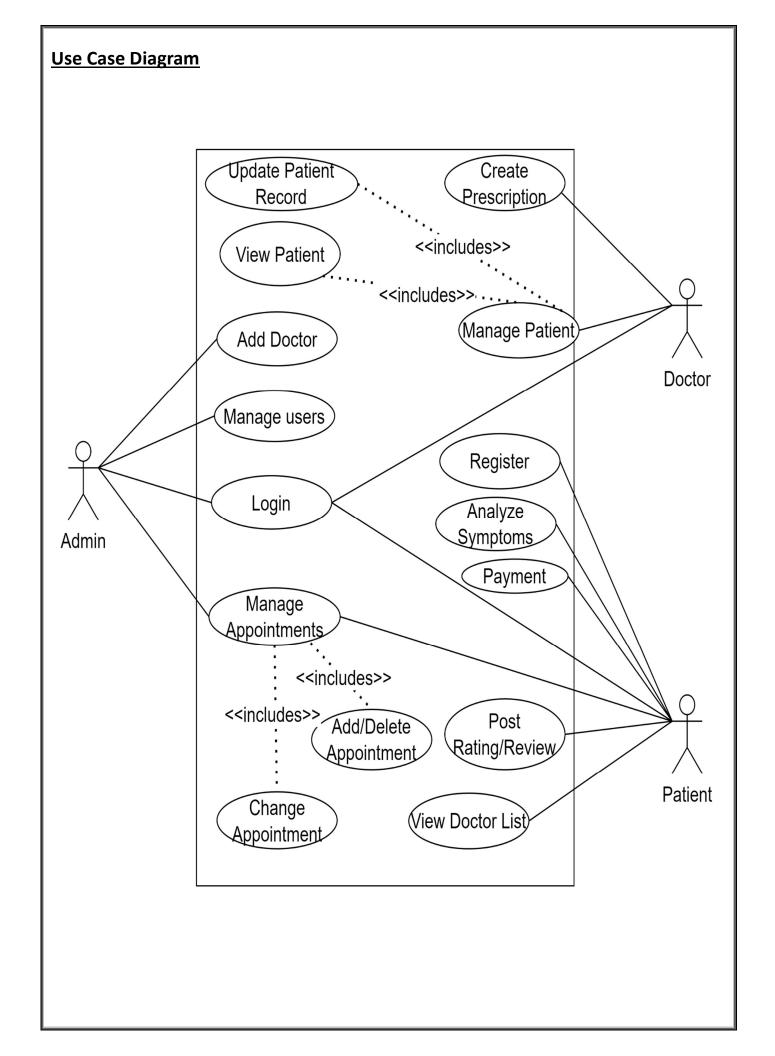
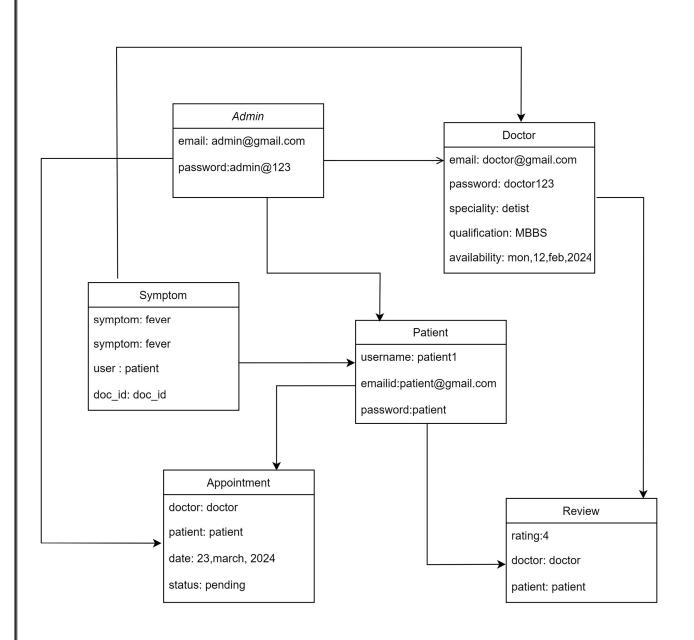
UML Diagrams Sequence Diagram Billing Appointment Payment Patient Register Patient Store Patient Data Verify Patient Credentials Register Patient Store Patient Data Log In Verify Patient Credentials Request doctor recommendation Retrieve patient symptoms Symptom data Match symptoms to medical specialties, Specialties Find available doctors List of available doctors Recommend doctors Request appointment Check availability Available time slots Provide available time slots Make a payment Payment confirmation Confirm booking Update doctor's availability Updated availability Schedule appointment Confirmation Generate invoice Invoice Appointment confirmation Patient Doctor Database Payment Appointment Billing

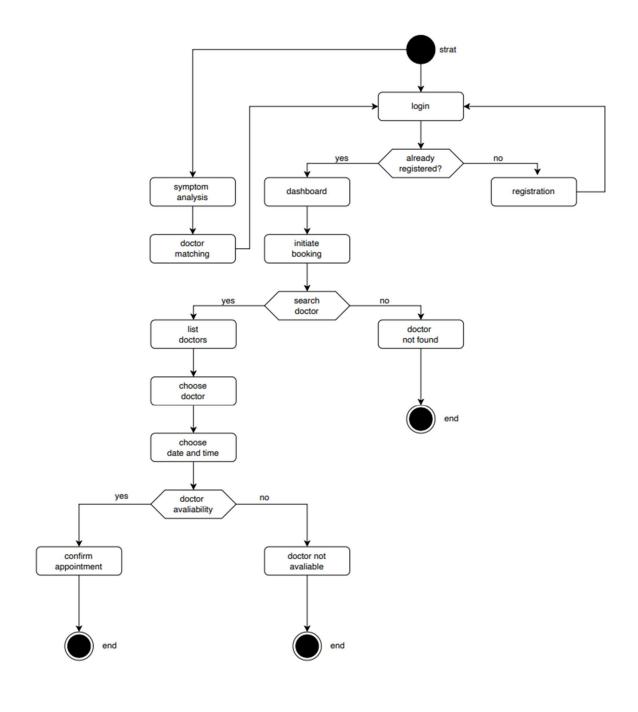


Class Diagram (C) Admin admin id: int addDoctor() modifyDoctor() removeDoctor() • generateReports() (C) User userID: int C Doctor username: string email: string doctorID: int password: string firstName: string firstName: string (c) Report lastName: string □ lastName: string □ specialties: List<string> □ reportID: int phoneNumber: string qualifications: string medicalHistory: string data: string contactDetails: string preferences: string availability: Schedule generateReport(): void o register() addDoctorProfile() login() modifyDoctorProfile() resetPassword() removeDoctorProfile() updateProfile() viewAppointments() cancelAppointment() C Appointment C Review appointmentID: int (c) Notification c SymptomAnalyzer reviewID: int doctor: Doctor C PaymentSystem doctor: Doctor patient: User sendAppointmentConfirmation() collectSymptoms() appointmentTime: DateTime user: User sendAppointmentReminder() validateSymptoms() makePayment() rating: int a status: string sendAppointmentChangeNotification() prepareSymptomData() comments: string scheduleAppointment() submitReviewAndRating() rescheduleAppointment() cancelAppointment() (C) SymptomData user: User symptoms: List<string> getUser() getSymptoms()

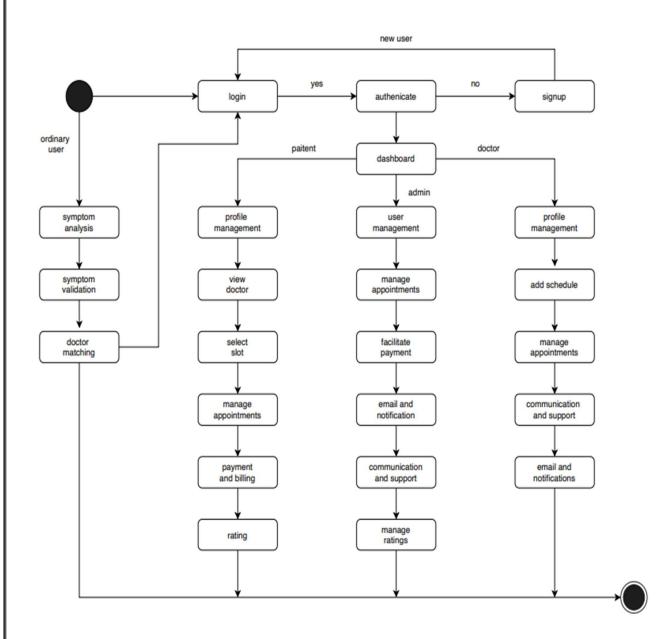
Object Diagram



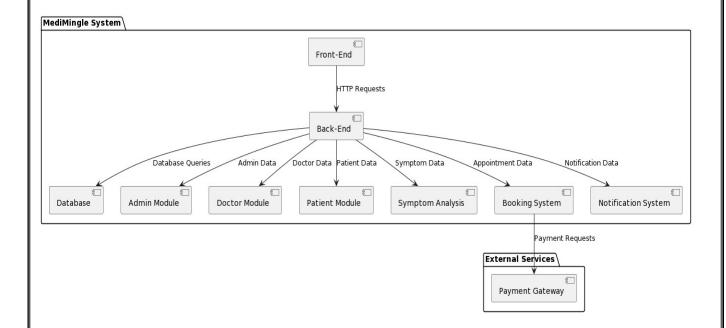
Activity Diagram



State Diagram



Component Diagram



Deployment Diagram

