Patient Appointment Management System

ADM25JS009

Version 1.0

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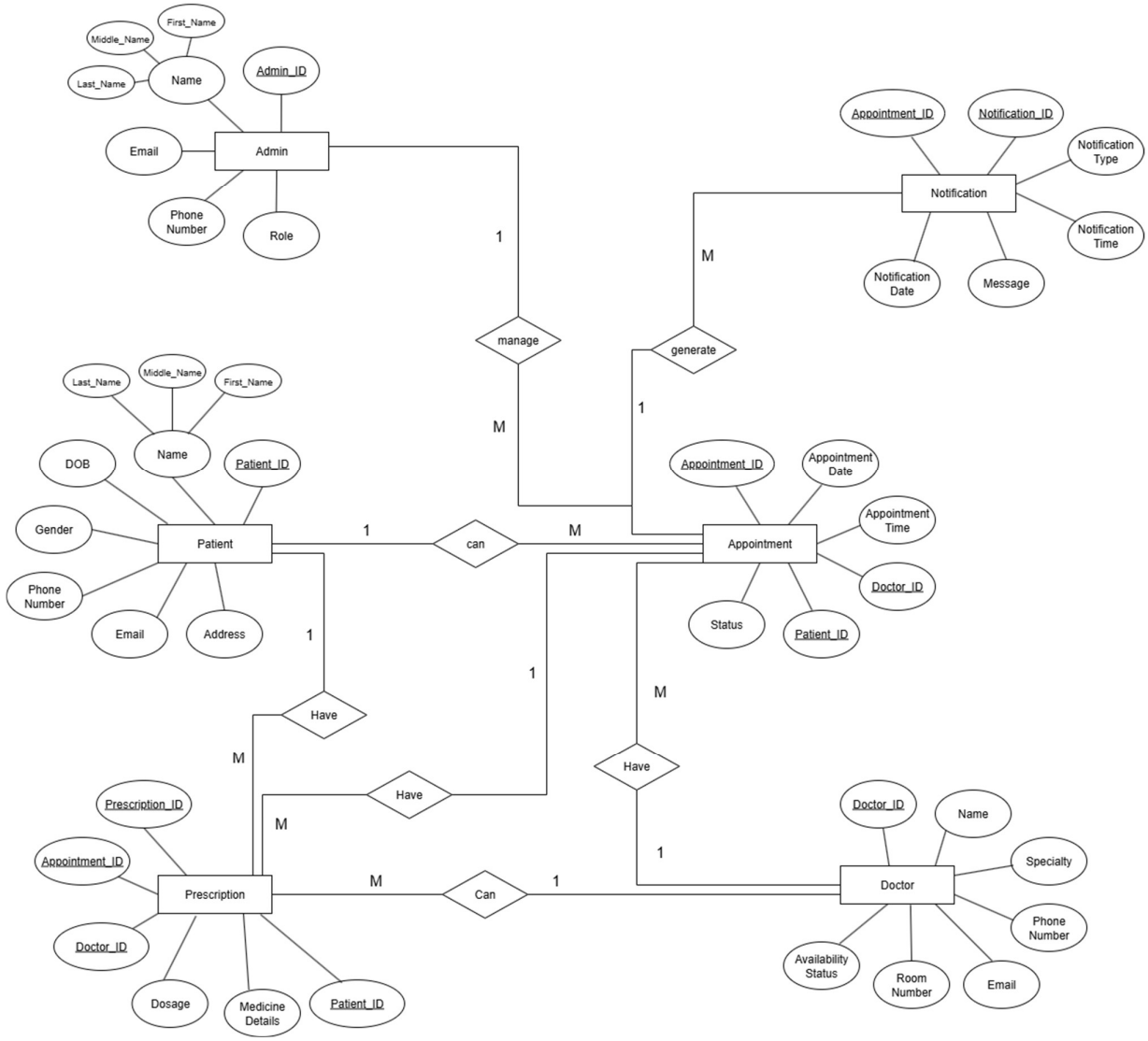
Git Hub Repository: https://github.com/kumar11jr/patient-appointment

Contents

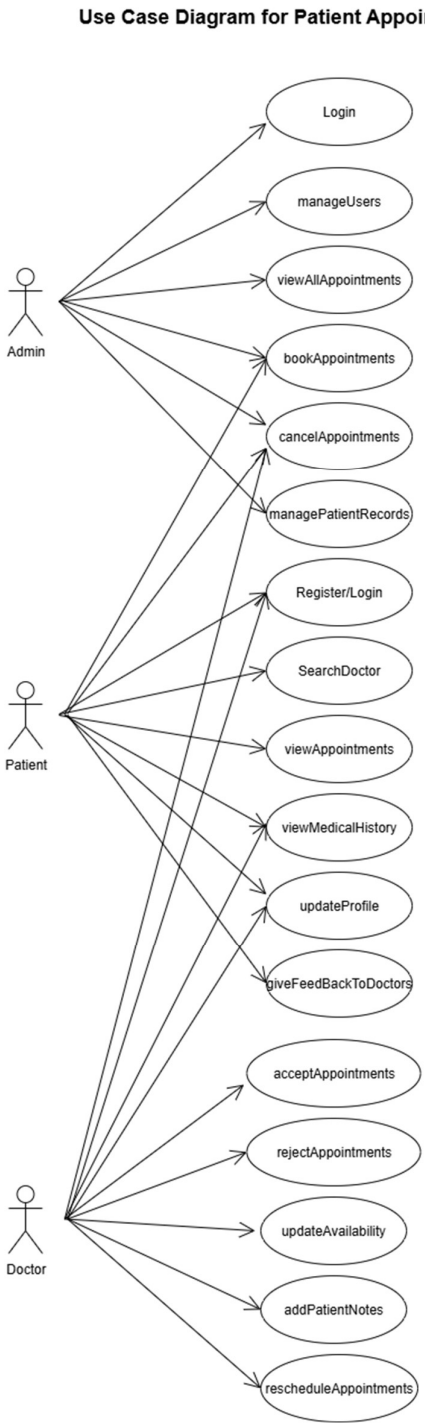
1. Entity Relationship Diagram (ERD)
2. Use Case Diagram (USD)
3. Sequence Diagram (SD)
4. Class Diagram (CD)
5. Product Backlog (PB)

1. Entity Relationship Diagram (ERD)

E-R Diagram for Patient Appointment Management

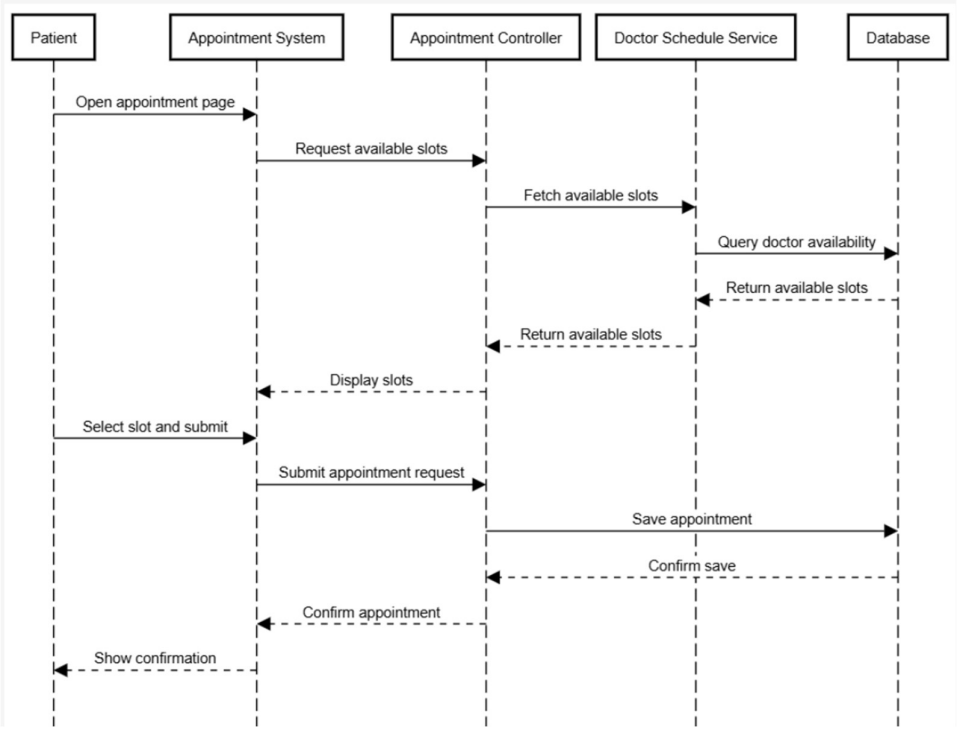


2. Use Case Diagram (USD)

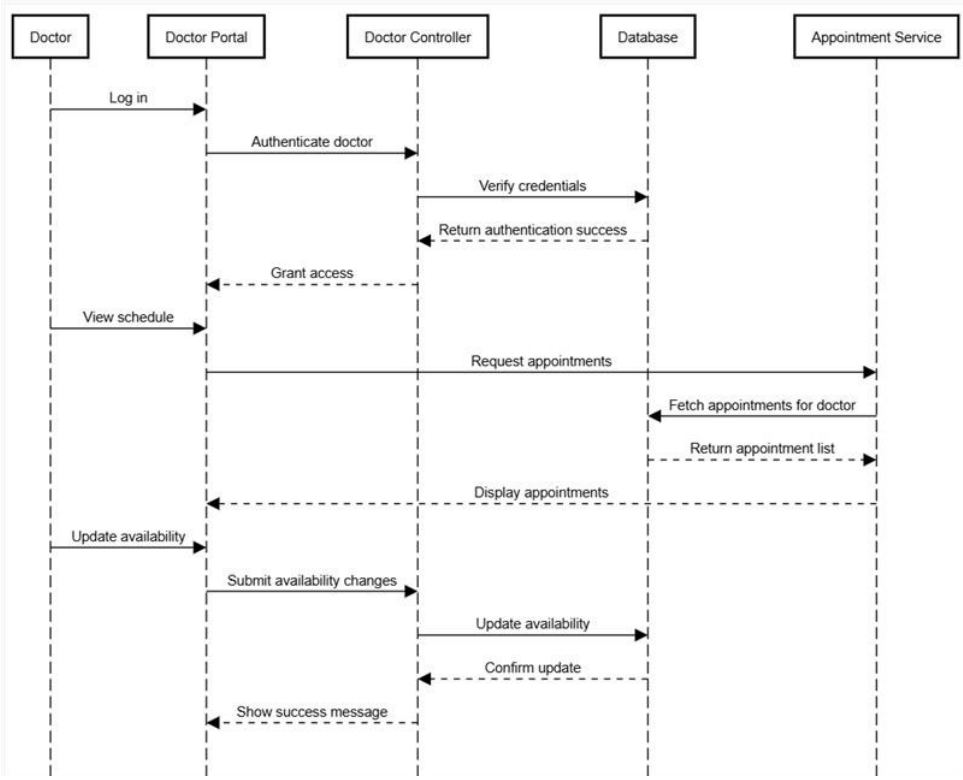


3. SD

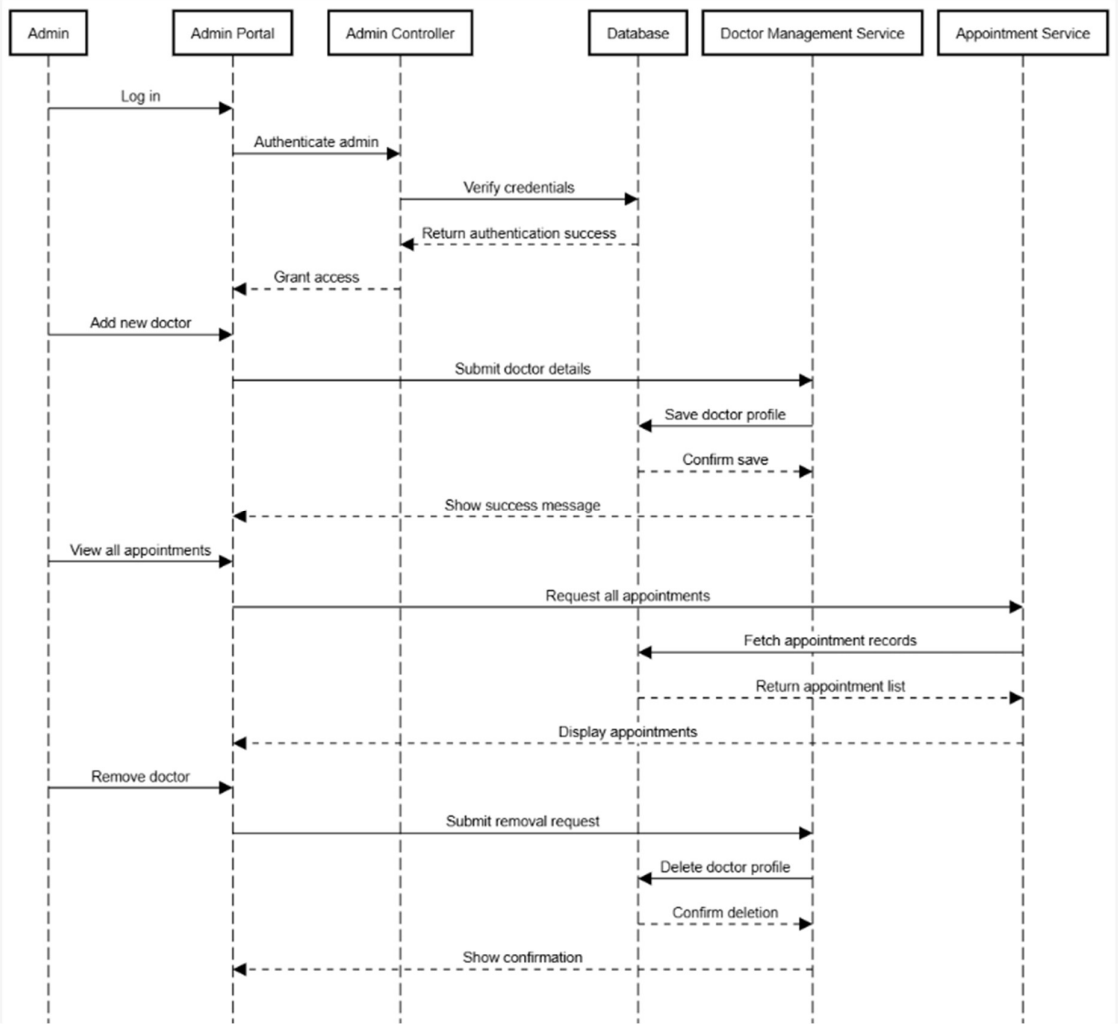
Patient Sequence Flow



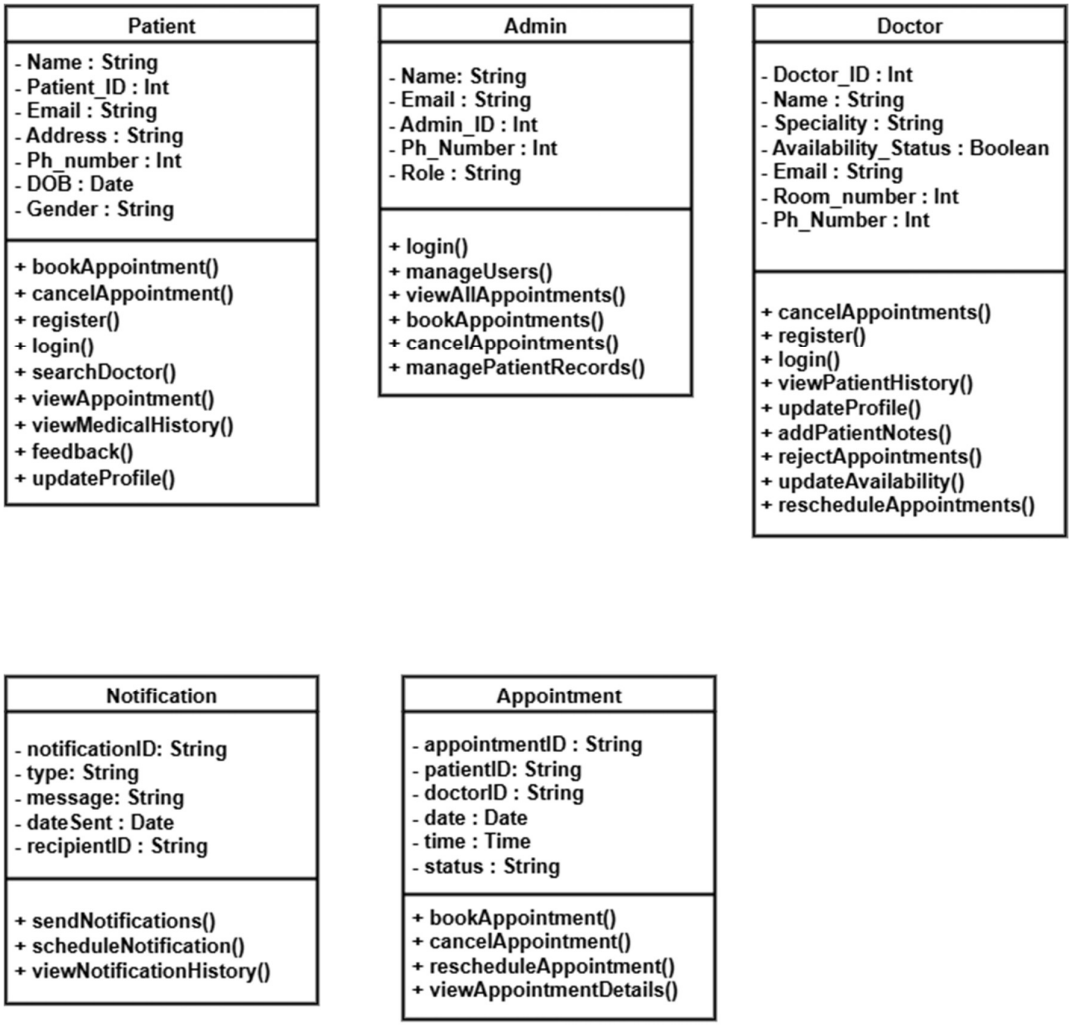
Doctor Sequence Flow



Admin Sequence Flow



4. Class Diagram (CD)



5. Product Backlog (PB)

PB ID	User Story	Acceptance Criteria	Priority	Status
1	As an admin, I want to log in so that I can access admin features.	Admin can log in with valid credentials and access admin dashboard.	High	To Do
2	As an admin, I want to manage users so that I can add, update, or remove users.	Admin can add, edit, and delete users; changes are reflected in user list.	High	To Do
3	As an admin, I want to view all appointments so I can monitor scheduling.	Admin dashboard shows all upcoming and past appointments.	High	To Do
4	As a patient, I want to register/login so I can access the system.	Patient can register a new account or log in with existing credentials.	High	To Do
5	As a patient, I want to search for doctors so I can find a suitable doctor.	Patient can search doctors by name, specialty, or availability.	High	To Do
6	As a patient, I want to book appointments so I can schedule visits.	Patient can select doctor, date, and time; booking confirmation is shown.	High	To Do
7	As a patient, I want to view my appointments so I can keep track of them.	Patient dashboard lists all upcoming and past appointments.	High	To Do
8	As a patient, I want to cancel appointments so I can manage my schedule.	Patient can cancel an appointment and receive confirmation.	Medium	To Do
9	As a patient, I want to view my medical history so I can review past records.	Medical history is displayed with dates, doctors, and notes.	Medium	To Do
10	As a patient, I want to update my profile, so my information is current.	Patient can edit and save profile details.	Low	To Do
11	As a patient, I want to give feedback to doctors so I can share my experience.	Feedback form is available after appointments; feedback is saved.	Low	To Do
12	As a doctor, I want to accept appointments so I can confirm patient visits.	Doctor can accept appointments; patient is notified.	High	To Do
13	As a doctor, I want to reject appointments so I can manage my schedule.	Doctor can reject appointments; patient is notified.	High	To Do

14	As a doctor, I want to update my availability so patients can book accordingly.	Doctor can set available dates/times; changes are reflected in booking.	High	To Do
15	As a doctor, I want to add patient notes so I can keep records of visits.	Doctor can add and save notes for each patient appointment.	Medium	To Do
16	As a doctor, I want to reschedule appointments so I can adjust timing.	Doctor can propose new date/time; patient is notified.	Medium	To Do
17	As an admin, I want to manage patient records so I can ensure data accuracy.	Admin can view, edit, and delete patient records.	Medium	To Do