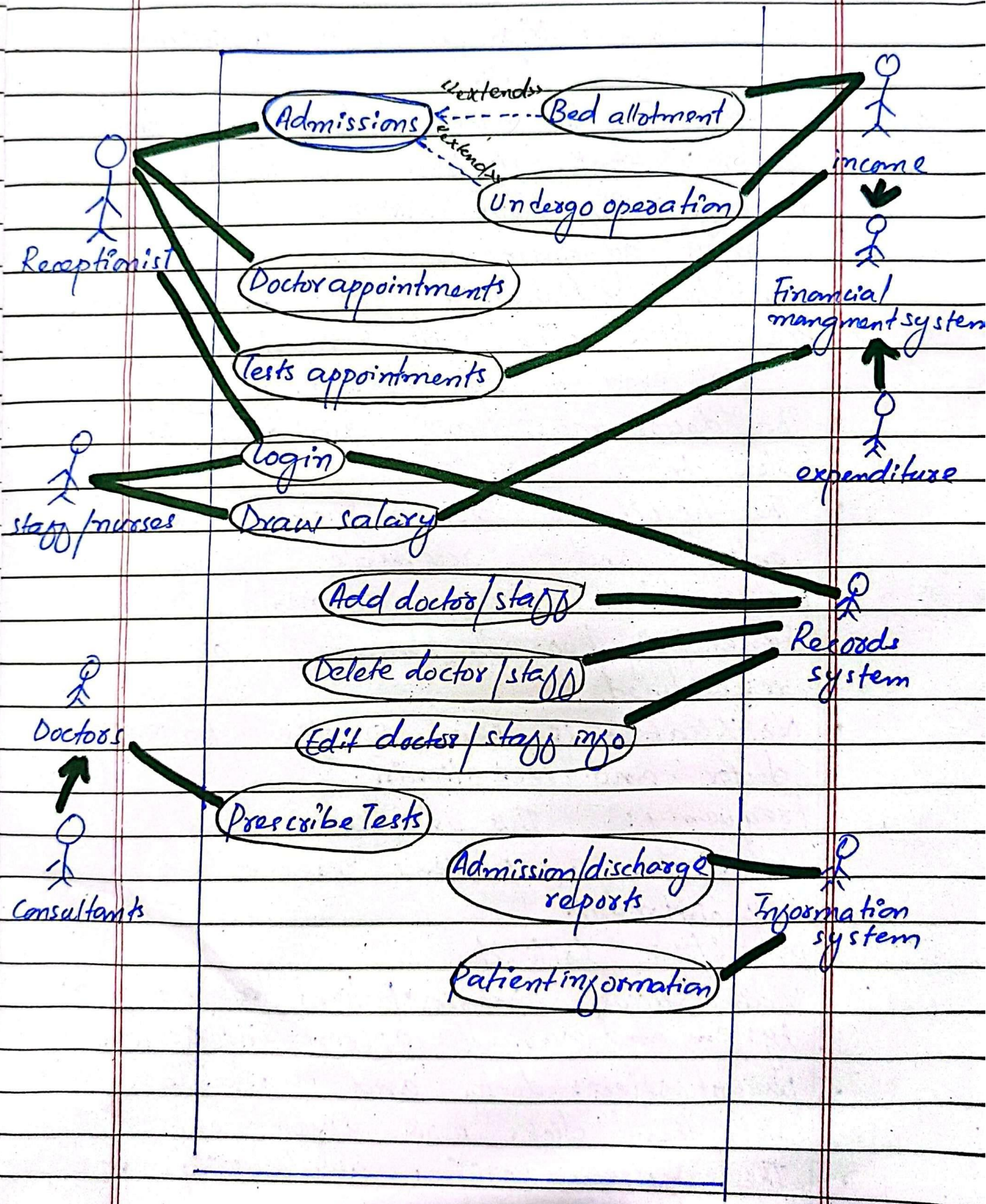


HOSPITAL MANAGEMENT SYSTEM:-

USE-CASE DIAGRAM:-



FULLY DRESSED USE CASE:-

UseCase ID: UC-01

Use Case Name: Manage Doctor appointments

primary Actor: Patient

Description: The manage doctor appointment allow patients, doctors and receptionists to efficiently book, view and manage appointments while ensuring smooth scheduling and communication.

Pre-Condition: • The patient must be registered in the system.

- The doctor must have available time slots in the system.

- The hospital system should be online and accessible.

- Post-Conditions: • The appointment is successfully booked, canceled or rescheduled.

- Notification is send to the patient, doctor and receptionist.

Frequency: This use case is used whenever a patient reserve an appointment.

priority: Critical

Main Success Scenarios: • Patient logs into the system and navigate appointment section.

- patient selects doctor and available time slot, then clicks book appointment.

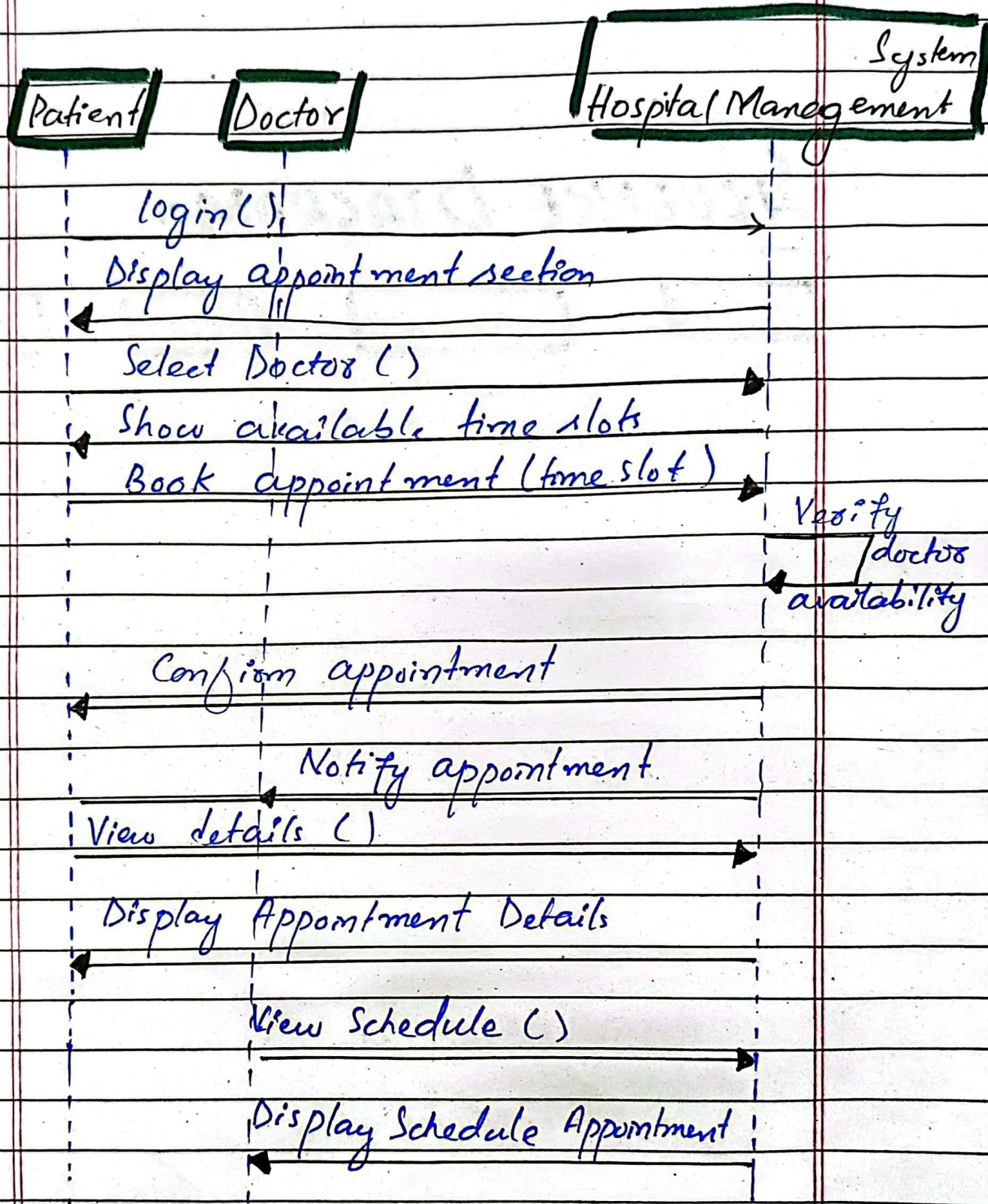
- The system verifies availability and

confirms the appointments.

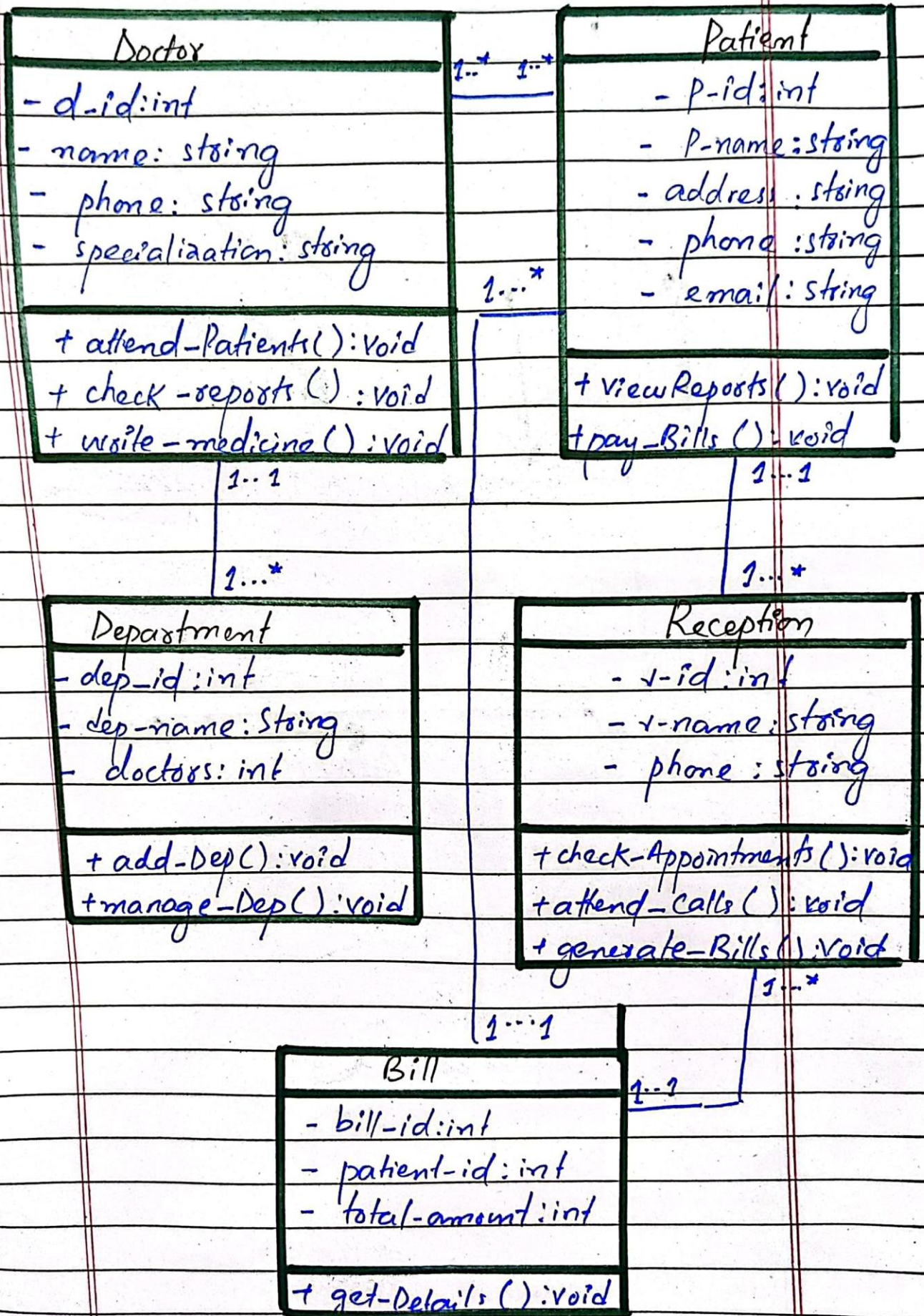
- Notifications are send to the patient and doctor.

- patient and doctor view the appointment details in the system.

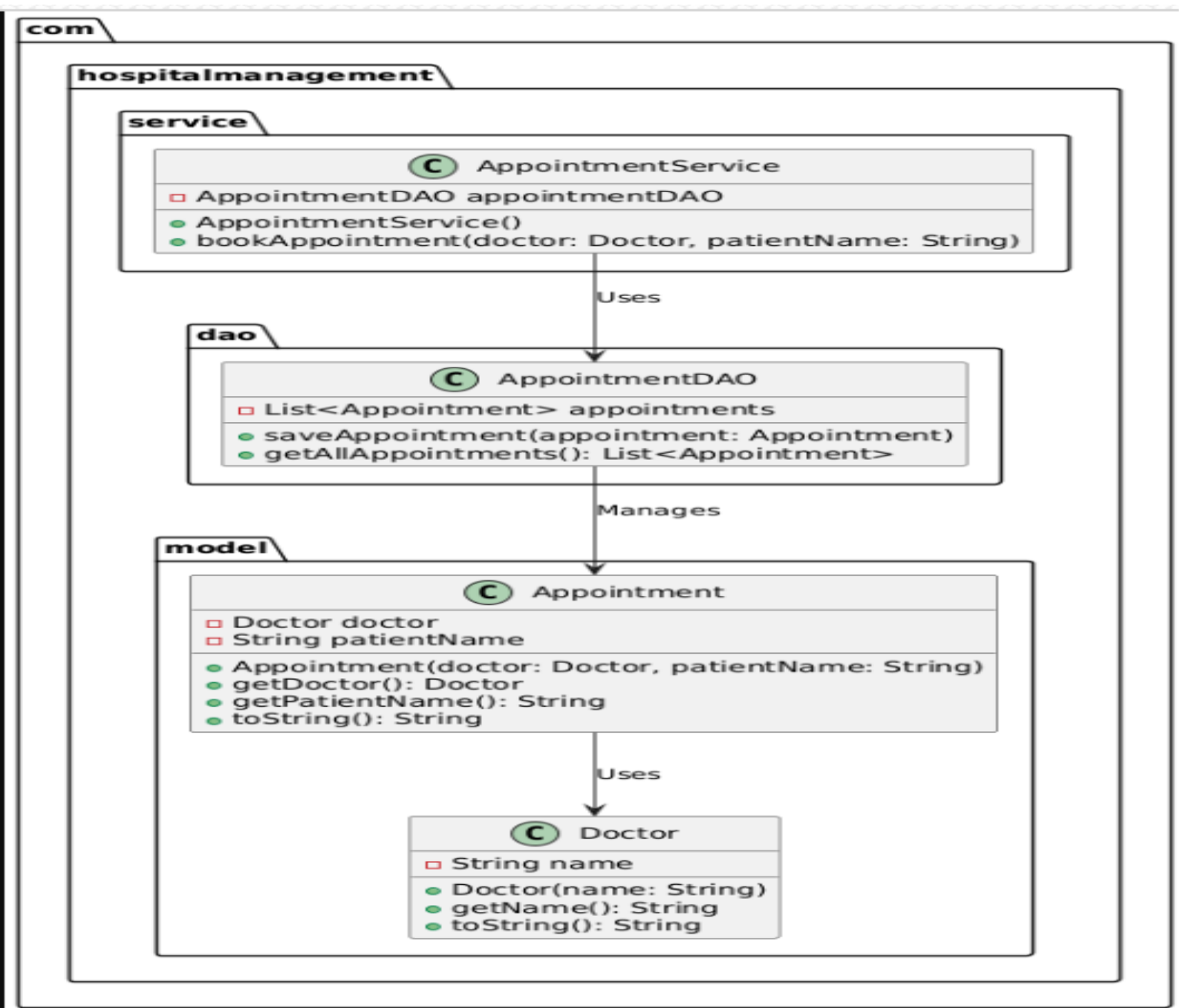
SYSTEM SEQUENCE DIAGRAM:



CLASS DIAGRAM:



PACKAGE DIAGRAM:



COMMUNICATION DIAGRAM:

