Online Doctor Appointment -CRC Card

Team Name: Team ACS

Class Name: User

Class Description:

The User class represents individuals who use the system to book appointments with doctors and manage their information. It stores essential patient details such as personal information, medical history, and appointment-related information.

Associated Use Cases:

Signup: Users can create new accounts in the system by providing their personal information.

Login: Registered Users can securely log in to access their profiles and book appointments.

View Profile: Users can view and update their personal information.

Checking Doctor Availability: Users can check the availability of doctors for appointments.

Choose Time: Users can select a suitable time slot for their appointments.

Make Appointment: Users can schedule appointments with doctors.

Search Schedule: User can search for particular doctor based on their speciality.

Responsibilities:

- Store and manage User information.

- enables the appointment scheduling process.

- Maintain user-related data, including personal and medical information.

Collaborations:

- Collaborates with the Doctor class for appointment scheduling.

- Collaborates with the Appointment class for managing appointments.

Class Name: Doctor

Class Description:

The Doctor class represents healthcare professionals who provide medical services within the system. It stores information about doctors' qualifications, availability, and patient interactions.

Associated Use Cases:

Check Patient Conditions: Doctors can access patient information to assess their health conditions.

Check Patient Reports: Doctors can review medical reports and history of their assigned patients.

Responsibilities:

- Check user medical condition during appointments.

- Review user medical reports.

- Maintain their own availability for appointments.

Collaborations:

- Collaborates with the user class for appointment scheduling.

- Collaborates with the Appointment class for managing appointments.

Class Name: Appointment

Class Description:

The Appointment class manages the scheduling and status of appointments between users and doctors.

Associated Use Cases:

Checking Appointment Status: Allows users and doctors to check the status of their appointments.

Storing User and Doctor Details: Records relevant patient and doctor information for each appointment.

Responsibilities:

- Check the status of appointments like confirmed, canceled, completed.

- Store user and doctor details associated with each appointment.

Collaborations:

- Collaborates with the user and Doctor classes for managing appointments.

Class Name: Admin

Class Description:

The admin class represents system administrators who have control over user management, appointment management, and other administrative tasks within the online doctor appointment system.

Associated Use Cases:

Maintain User Details: Admin can add, modify, or delete user information.

Manage Appointments: Admin can assist in rescheduling and deleting appointments.

Update Profiles: Admin can update user profiles as needed.

Assign Doctor: Admin can assign patients to specific doctors.

Manage Bill Details: Admin can handle billing information and payments.

Responsibilities:

- Maintain user details, including patients and doctors.

- Manage appointments including scheduling and rescheduling and deleting the appointments.

- Update user profiles .

- Assign doctors to users for appointments.

- Manage billing details related to appointments.

Collaborations:

- Collaborates with the User, Appointment, and Doctor classes for appointment and user management.