**DOCTOR’S LISTING AND APPOINMENT APPLICATION**

* **Use Case: Add Doctors**
* **Brief Description** – The administrator adds doctor’s details into the system.
* **Actors** – Admin
* **Preconditions** – Administrator is logged into the system.
* **Basic Flow** –
* 1. Administrator selects the "Add Doctors Details" option.
* 2. Administrator provides the necessary Doctor details such as Doctor Id, Doctor name, Specialization, Availability.
* 3. The system validates the input data.
* 4. The system adds the doctor details to the database.
* **Alternate Flows** – The doctor details are already present in the database.
* **Post Conditions**: Doctor details are successfully added to the system.

**DOCTOR’S LISTING AND APPOINMENT APPLICATION**

* **Use Case: Update Doctors**
* **Brief Description** – The administrator updates the doctor’s details into the system.
* **Actors** – Admin
* **Preconditions** – Administrator is logged into the system.
* **Basic Flow** –
* 1. Administrator selects the "Update Doctors Details" option.
* 2. Administrator provides the Doctor to be edited and the new Doctor details such as Doctor Id, Doctor name ,Specialization, Availability.
* 3. The system validates the input data.
* 4. The system updates the doctor details to the database.
* **Alternate Flows** – The doctor is not present in the database.
* **Post Conditions**: Doctor details are successfully updated to the system.

**DOCTOR’S LISTING AND APPOINMENT APPLICATION**

* **Use Case: Delete Doctors**
* **Brief Description** – The administrator deletes the doctor’s details from the system
* **Actors** – Admin
* **Preconditions** – Administrator is logged into the system.
* **Basic Flow** –
* 1. Administrator selects the "Delete Doctors " option.
* 2. Administrator selects the doctor to be deleted.
* 3. The system validates the input data.
* 4. The system deletes the doctor details from the database.
* **Alternate Flows** – The doctor is not present in the database.
* **Post Conditions**: Doctor details are successfully deleted from the system.

**DOCTOR’S LISTING AND APPOINMENT APPLICATION**

* **Use Case: View Doctors**
* **Brief Description** – The Administrator view doctor’s details from the system.
* **Actors** – Admin
* **Preconditions** – Administrator is logged into the system.
* **Basic Flow** –
* 1. Administrator selects the "View Doctors" option.
* 2. Administrator selects the doctor whose details are to be viewed.
* 3. The system validates the input data.
* 4. The system displays the doctor details
* **Alternate Flows** – The doctor is not present in the database.
* **Post Conditions**: Doctor details are successfully displayed on the system.

**DOCTOR’S LISTING AND APPOINMENT APPLICATION**

* **Use Case: View Doctor’s List**
* **Brief Description** – The user can view the doctors list.
* **Actors** – User
* **Preconditions** – User is logged into the system.
* **Basic Flow** –
* 1. User selects the "View Doctors" option.
* 2. The system validates the input data.
* 3. The system displays the doctors list.
* **Alternate Flows** – The doctor is not present in the database.
* **Post Conditions**: Doctor list is successfully displayed on the system.

**DOCTOR’S LISTING AND APPOINMENT APPLICATION**

* **Use Case: Search Doctor**
* **Brief Description** – The user can search for any doctor.
* **Actors** – User
* **Preconditions** – User is logged into the system.
* **Basic Flow** –
* 1. User selects the "Search Doctors" option.
* 2. User can search the doctor
* 3. The system validates the input data.
* 4. The system displays the selected doctor details
* **Alternate Flows** – Doctor is not present in the database.
* **Post Conditions**: Doctor details are successfully displayed to the system.

**DOCTOR’S LISTING AND APPOINMENT APPLICATION**

* **Use Case: Rate Doctor**
* **Brief Description** – The user can rate the doctor.
* **Actors** – User
* **Preconditions** – User is logged into the system.
* **Basic Flow** –
* 1. User selects the "Rate Doctors" option.
* 2. User gives as feedback and rates the doctor.
* 3. The system validates the input data.
* 4. The system gives feedback correspondingly.
* **Alternate Flows** – The doctor is not present in the database.
* **Post Conditions**: The doctor is successfully rated by the user.

**DOCTOR’S LISTING AND APPOINMENT APPLICATION**

* **Use Case: Book Appointment**
* **Brief Description** – The user can make an appointment with a doctor.
* **Actors** – User
* **Preconditions** – User is logged into the system.
* **Basic Flow** –
* 1. User selects the "Book Appointment" option.
* 2. User can book appointment based on the availability and specialization of the doctor.
* 3. The system validates the input data.
* 4. The system displays the appointment details
* **Alternate Flows** – The doctor is not available or if the doctor is not present in the database.
* **Post Conditions**: The user makes the appointment successfully.

**DOCTOR’S LISTING AND APPOINMENT APPLICATION**

* **Use Case: View Appointment**
* **Brief Description** – The user can view an appointment with a doctor.
* **Actors** – User
* **Preconditions** – User is logged into the system.
* **Basic Flow** –
* 1. User selects the "View Appointment" option.
* 2. The system validates the input data.
* 3. The system displays the appointment details
* **Alternate Flows**: Doctor is not present in the database.
* **Post Conditions**: The user views the appointment successfully.

**DOCTOR’S LISTING AND APPOINMENT APPLICATION**

* **Use Case: View Appointment**
* **Brief Description** – The admin can view the appointment list.
* **Actors** – Admin
* **Preconditions** – Admin is logged into the system.
* **Basic Flow** –
* 1. Admin selects the "View Appointment" option.
* 2. The system validates the input data.
* 3. The system displays the appointment details
* **Alternate Flows** – Doctor is not present in the database.
* **Post Conditions**: The admin views the appointment successfully.

**DOCTOR’S LISTING AND APPOINMENT APPLICATION**

* **Use Case: Cancel Appointment**
* **Brief Description** – The user can cancel his appointment.
* **Actors** – User
* **Preconditions** – User is logged into the system.
* **Basic Flow** –
* 1. User selects the "Cancel Appointment" option.
* 2. The system validates the input data.
* 3. The system deletes the appointment.
* **Alternate Flows** – Appointment is not present in the database.
* **Post Conditions**: The appointment is deleted successfully.

**DOCTOR’S LISTING AND APPOINMENT APPLICATION**

* **Use Case: Cancel Appointment**
* **Brief Description** – The admin can cancel any appointment.
* **Actors** – Admin
* **Preconditions** – Admin is logged into the system.
* **Basic Flow** –
* 1. Admin selects the "Cancel Appointment" option.
* 2. Admin selects the appointment to be cancelled.
* 3. The system validates the input data.
* 4. The system deletes the appointment.
* **Alternate Flows** – Appointment is not present in the database.
* **Post Conditions**: The appointment is deleted successfully.