

**USE CASE DOCUMENTATION**

**HOSPITAL MANAGEMENT SYSTEM**



**Group Number-15**  
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# Patient

## 1.1 Register as a patient

Title	Patient register
Description	As a user i can register myself as a patient
Primary Actor	User(as a patient)
Trigger condition	Patient click on “Register” button
Precondition	User opened a site
Main flow	<ul style="list-style-type: none"><li>• User come to site</li><li>• He/she click on registration button</li><li>• He/she fills the registration details and submits the registration form.</li></ul>
Postcondition	User should registered as a patient

## 1.2 Patient can book the appointment

Title	Book an appointment
Description	As a patient I can book an appointment.
Primary Actor	Patient
Trigger condition	Patient click on book appointment
Precondition	Patient should be a registered user.
Main Flow	<ul style="list-style-type: none"><li>• Patient logged in to the site</li><li>• Patient click on the “Book appointment”</li><li>• Patient selects the doctor and</li></ul>

	date and slot <ul style="list-style-type: none"> <li>• Patient clicks on the Book my appointment</li> </ul>
Post condition	A entry of new appointment has to be done in database

### 1.3 Cancel appointment

Title	Cancel the booked appointment
Description	As a patient i can cancel my booked appointment
Primary Actor	Patient
Trigger condition	Patient opened the cancel appointment page
Precondition	Patient booked an appointment in past
Main flow	<ul style="list-style-type: none"> <li>• Patient booked an appointment</li> <li>• But now for some reason patient wants to cancel the booked appointment</li> <li>• So, Patient clicked on cancel appointment and cancel the appointment</li> </ul>
Postcondition	Patient's entry should be removed from the database

## 2. Receptionist

### 2.1 Login

Title	Login
Description	Receptionist can login using email id and password
Actor	Receptionist
Pre condition	Admin has added him/her as receptionist and receptionist is registered user
Trigger condition	Receptionist opens the home page and wants to login
Main Flow	<ul style="list-style-type: none"><li>• Receptionist opens the home page</li><li>• Then click on login</li><li>• Provide valid login details</li></ul>
Post condition	User logged in to the system as receptionist

### 2.2 Book Appointment

Title	Book an appointment
Description	Receptionist can add new Appointment
Actor	Receptionist
Pre condition	Receptionist has login to the system
Trigger condition	Receptionist click of add appointment
Main Flow	<ul style="list-style-type: none"><li>• Once a receptionist enter the system,then he/she can click on</li></ul>

	add appointment option <ul style="list-style-type: none"> <li>• Then enter patient details and book appointment</li> </ul>
Post condition	A new entry should be added in the database and a new appointment added.

## 2.3 Generate bill

Title	Generate bills
Description	After the treatment , receptionist can generate bills charges
Actor	Receptionist
Pre condition	The treatment has completed
Trigger condition	Treatment is completed and receptionist clicks on generate bill
Main flow	<ul style="list-style-type: none"> <li>• Once the treatment i completed and it time for payment</li> <li>• Receptionist can generate the bills by adding the required details of patient and treatment details</li> </ul>
Post condition	Bill generated

## 2.4 Take record of visited and unvisited patient

Title	Update the patient visit details
Description	Receptionist can mark patient as visited or unvisited
Actor	Receptionist
Pre condition	Patient has requested for appointment
Trigger condition	Receptionist wants take record of visited patient
Main flow	<ul style="list-style-type: none"><li>• On clicking the patient visit or not visited option, receptionist can mark patient as visited or not visited</li><li>• Receptionist enters the patient id and click on visited or not visited</li></ul>
Post condition	Patient mark as visited or not visited in database

## 2.5 Search Patient

Title	Search patient details
Description	enter the unique patient id to fetch the details
Actor	Receptionist
Precondition	Patient should be registered user
Trigger condition	Receptionist clicks on search patient
Main flow	<ul style="list-style-type: none"><li>• If the receptionist wants to fetch the patient details then he/she</li></ul>

	can go to search patient option <ul style="list-style-type: none"> <li>• Then by entering the unique patient id the receptionist can see the patient details.</li> </ul>
Post condition	Receptionist can see the patient details

## 2.6 Apply for leave

Title	Apply for leave
Description	If the employee wants a leave for some reason they can apply for leave
Actor	Receptionist
Pre condition	Receptionist should be registered employee
Trigger condition	Receptionist clicks on apply leave button
Main flow	<ul style="list-style-type: none"> <li>• When receptionist want leave on some for some reason</li> <li>• Receptionist go to apply for leave and enter leave interval and then click on apply</li> </ul>
Post condition	Leave should be requested

## 2.7 View and edit appointment

Title	View and edit appointment
Description	Receptionist wants to view or edit some appointment
Actor	Receptionist
Post condition	Receptionist has to enter valid dates
Trigger condition	Receptionist clicks on view and edit appointment option
Main flow	<ul style="list-style-type: none"><li>• Receptionist can view or edit some of the appointment by clicking on view and edit appointment</li><li>• Then select the date and then receptionist can view appointments</li></ul>
Post condition	The page of the appointment of the selected date should display

## 3. DOCTOR