

IT314 Software Engineering

Hospital Management System (HMS)

User acceptance testing



Group - 15

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From patient's perspective,

1. Book Appointment:

- **Description:** Verify that a patient can successfully book an appointment.
- **Steps:**
 - Log in with patient credentials.
 - Navigate to the appointment booking section.
 - Select a doctor, date, and time for the appointment.
 - Confirm the appointment booking.
- **Expected Results:** Appointment is successfully booked.
- **Status:** Pass

2. Delete Appointment:

- **Description:** Verify that a patient can successfully delete a booked appointment.
- **Steps:**
 - Log in with patient credentials.
 - Navigate to the list of booked appointments.
 - Select the appointment to be canceled.
 - Confirm the cancellation.
- **Expected Results:** The appointment is successfully canceled.
- **Status:** Pass

3. View Prescriptions:

- **Description:** Verify that a patient can view prescriptions from previous visits.
- **Steps:**
 - Log in with patient credentials.
 - Navigate to the prescriptions section.
 - View the list of prescriptions for previous visits.
- **Expected Results:** Prescriptions are displayed.
- **Status:** Pass

From doctor's perspective:

1. Search Patient Details by ID:

- **Description:** Verify that a doctor can search for patient details by ID.
- **Steps:**
 - Log in with doctor credentials.
 - Navigate to the patient search section.
 - Enter the patient ID.
 - View the patient details.
- **Expected Results:** Patient details are displayed.
- **Status:** Pass

2. View Visited Patients and Unvisited Patients:

- **Description:** Verify that a doctor can differentiate between visited and unvisited patients.
- **Steps:**
 - Log in with doctor credentials.
 - Navigate to the list of patients.
 - Identify and verify visited and unvisited patients.
- **Expected Results:** Visited and unvisited patients are correctly identified.
- **Status:** Pass

3. Apply for Leave:

- **Description:** Verify that a doctor can successfully apply for leave.
- **Steps:**
 - Log in with doctor credentials.
 - Navigate to the leave application section.
 - Enter leave details (start date, end date, reason).
 - Submit the leave application.
- **Expected Results:** Leave application is successfully submitted.

- Status: Pass

4. Write Prescriptions:

- Description: Verify that a doctor can prescribe for a patient.
- Steps:
 - Log in with doctor credentials.
 - Navigate to the patient's details.
 - Write and save the prescription.
- Expected Results: The prescription is successfully written and saved.
- Status: Pass

From receptionist's perspective:

1. Book Appointment for Patient:

- Description: Verify that a receptionist can successfully book an appointment on behalf of a patient.
- Steps:
 - Log in with receptionist credentials.
 - Navigate to the appointment booking section.
 - Enter patient details and select a doctor, date, and time.
 - Confirm the appointment booking.
- Expected Results: Appointment is successfully booked for the patient.
- Status: Pass

2. Generate Bill:

- Description: Verify that a receptionist can generate a bill for a patient visit.
- Steps:

Log in with receptionist credentials.
Navigate to the patient's details.
Generate and view the bill for the visit.

- **Expected Results:** Bill is successfully generated and displayed.
- **Status:** Pass

3. View Visited and Unvisited Patients:

- **Description:** Verify that a receptionist can differentiate between visited and unvisited patients.
- **Steps:**

Log in with receptionist credentials.
Navigate to the list of patients.
Identify and verify visited and unvisited patients.
- **Expected Results:** Visited and unvisited patients are correctly identified.
- **Status:** Pass

4. Apply for Leave:

- **Description:** Verify that a receptionist can successfully apply for leave.
- **Steps:**

Log in with receptionist credentials.
Navigate to the leave application section.
Enter leave details (start date, end date, reason).
Submit the leave application.
- **Expected Results:** Leave application is successfully submitted.
- **Status:** Pass

5. Update Patient's Visit Status:

- **Description:** Verify that a receptionist can update a patient's visit status.

- **Steps:**
Log in with receptionist credentials.
Navigate to the patient's details.
Update the visit status.
- **Expected Results:** Visit status is successfully updated.
- **Status:** Pass

From admin's perspective:

1. Allow or Reject Leave:

- **Description:** Verify that an admin can review and approve/reject leave applications.
- **Steps:**
Log in with admin credentials.
Navigate to the leave management section.
Review leave applications and take appropriate action.
- **Expected Results:** Leave applications are correctly reviewed and processed.
- **Status:** Pass

2. Add New Employee:

- **Description:** Verify that an admin can add a new employee.
- **Steps:**
Log in with admin credentials.
Navigate to the employee management section.
Add new employee details.
- **Expected Results:** New employee is successfully added.
- **Status:** Pass

3. Search Employee:

- **Description:** Verify that an admin can search for employee details.
- **Steps:**
 - Log in with admin credentials.
 - Navigate to the employee search section.
 - Enter employee details and view the search results.
- **Expected Results:** Employee details are correctly displayed based on the search.
- **Status:** Pass

4. See All Patients:

- **Description:** Verify that an admin can view details of all patients.
- **Steps:**
 - Log in with admin credentials.
 - Navigate to the patient management section.
 - View the list of all patients.
- **Expected Results:** List of all patients is correctly displayed.
- **Status:** Pass