# Hospital Management System

# Short Use Case Descriptions

1. Use Case 1

**When** Front Officer

**Wants** to add patient they need to enter to the system first and he need to choose the option add patient

**So that** he can add the details of the patient to the system

1. Use Case 2

**When** Front Officer

**Wants** to search the details of the patient and update his name as R.Devin in place of K.Devin so they first log in to the system and go to patient details section and he would search the K.Devin and by clicking the update details , he is able to update the name

**So that** Front Officer can update his details and search the details he needed.

1. Use Case 3

**When** admin

**Wants to** delete the details of a patient they must go to the option of delete patient details and then he needs to choose the needed patient to be deleted and then need to delete it.

**So that** admin would be able to delete the patient details.

1. Use Case 4

**When** admin

**Wants** to add the new room is which newly built

they log to the system and go to the option register the room and add the details ask and make save it

**So that** Add a new room to the system

1. Use Case 5

**When** front officer

**Wants** to search for a room which has entered before and he need to update the room number they search the room by the search tab, and he update the details from the buttons given

**So that** he can search and update the details of the rooms

1. Use Case 6

**When** admin

**Wants** to remove an old room they need to log to the system and go to the option delete room and delete the need room from the system

**So that** he can remove/ delete the room

1. Use Case 7

**When** Patient

**Wants to** make a payment they log to the system and do the payment from their specific logins

**So that** then they can make a payment

1. Use Case 8

**When** Admin

**Wants to** Register a staff member they log to the system and from the staff adding option he can add the details of the new staff member

**So that** he can add new staff member to the system

1. Use Case 9

**When** Doctor

**Wants** to Add medical report they need to log in to the system and add the medical report to the specific patient needed.

**So that** they can add a new medical report to the system.

1. Use Case 10

**When** the doctor

**Wants** to delete the medical report of a patient they need to search the specific patient and delete that

**So that** he can remove that patient from the system.

1. Use Case 11

**When** the admin

**Wants** to search for the appointment details they need to log to the system first and go to the appointment section and he need to use the search bar to find the details

**So that** he can find the necessary details of the patient.

1. Use Case 10

**When** the patient

**Wants** to place an appointment they need to log from their logins and need to make an appointment from the appointment bar

**So that** he makes an appointment

1. Use Case 10

**When** the doctor

**Wants** to search the medical report of a patient they need to search the specific patient from the search bar given in the system

**So that** he can search the patient from the system.

# Descriptive Use Case

|  |  |
| --- | --- |
| Title | Add patient to the system |
| Actor | Front officer |
| Normal Flow | 1. Log in to the system 2. Go to the patient management 3. Select add patient 4. Add the details of the patient 5. Save the details |
| Pre-condition | New patient is available |
| Post Condition | Check the patient is added to the system by searching the patient name. |

|  |  |
| --- | --- |
| Title | Update medical report |
| Actor | Doctor |
| Normal Flow | 1. Log in to the system 2. Go to the Medical report 3. Search the medical report no to find the report 4. Select field to be updated 5. Make the change to the data 6. Save the details |
| Pre-condition | Mistake in the medical report/ New details need to be added to the report |
| Post Condition | Check the report is changed by searching the medical report ide |

|  |  |
| --- | --- |
| Title | Register the details of the staff member |
| Actor | Admin |
| Normal Flow | 1. Log in to the system 2. Go to the staff management 3. Select add staff member 4. Add the details of the staff member 5. Save the details |
| Pre-condition | New staff member is joined to the company |
| Post Condition | Check the staff member is added to the system by searching the staff member name |

|  |  |
| --- | --- |
| Title | Search the medical report |
| Actor | Doctor |
| Normal Flow | 1. Log in to the system 2. Go to the medical report management 3. Search the medical report id |
| Pre-condition | Medical report needed to be searched |
| Post Condition | Able to find the medical report |

|  |  |
| --- | --- |
| Title | Delete the operating room |
| Actor | Admin |
| Normal Flow | 1. Log in to the system 2. Go to the operating room management 3. Search the room no 4. Delete the room from the delete button 5. Save the details |
| Pre-condition | The operating room is no more available |
| Post Condition | Check the operating room is gone by searching it id again. |

|  |  |
| --- | --- |
| Title | Make the payment |
| Actor | Patient |
| Normal Flow | 1. Log in to the system(patient) 2. Go to the payment due 3. Mark the amount to be going to paid 4. Select the card/visa 5. Make the payment |
| Pre-condition | When a payment is due |
| Post Condition | Download the receipt |

|  |  |
| --- | --- |
| Title | Search an appointment |
| Actor | Front Officer |
| Normal Flow | 1. Log in to the system 2. Go to the appointment management 3. Search the appointment id |
| Pre-condition | Need of finding a specific appointment |
| Post Condition | Appointment is available / may be not |

|  |  |
| --- | --- |
| Title | Place an appointment |
| Actor | Patient |
| Normal Flow | 1. Log in to the system(patient) 2. Go to appointment 3. Select the appointment type 4. Give the details need for the appointment 5. Make the appointment |
| Pre-condition | Need of making an appointment |
| Post Condition | Verification of Appointment is made |

# Use Case Diagram

A picture containing map, text

Description automatically generated

# ER Diagram

