**1- Use Case Name: Patient Registration**

**Actors: Patient**

**Description: This use case lets the patient create an account to use the healthcare system.**

**Preconditions: The patient does not have an account.**

**Postconditions: The account is created successfully.**

**Main Flow:**

**The patient opens the registration page.**

**The patient enters personal information.**

**The system checks the details.**

**The system creates a new account.**

**The system sends a confirmation email.**

**2- Use Case Name: Patient Login**

**Actors: Patient**

**Description: This use case lets the patient log in to manage appointments or personal info.**

**Preconditions: The patient has a registered account.**

**Postconditions: The patient is logged in.**

**Main Flow:**

**The patient opens the login page.**

**The patient enters the login details.**

**The system checks the credentials.**

**The system logs the patient in.**

**3- Use Case Name: Patient Request Emergency Help**

**Actors: Patient**

**Description: This use case lets the patient request urgent medical help.**

**Preconditions: The patient is logged in.**

**Postconditions: Emergency help is requested and sent.**

**Main Flow:**

**The patient selects the emergency option.**

**The patient describes the emergency.**

**The system sends an alert to emergency services.**

**The system gives an estimated time of arrival.**

**4- Use Case Name: Book Appointment**

**Actors: Patient, Receptionist**

**Description: This use case lets the receptionist or patient schedule an appointment.**

**Preconditions: The patient is registered.**

**Postconditions: The appointment is scheduled.**

**Main Flow:**

**The patient or receptionist logs in.**

**The patient or receptionist checks the doctor's schedule.**

**They choose an available time.**

**The system confirms the appointment and sends a notification.**

**5- Use Case Name: Confirm Appointment**

**Actors: Patient**

**Description: This use case lets the patient confirm an appointment.**

**Preconditions: The patient has a pending appointment.**

**Postconditions: The appointment is confirmed.**

**Main Flow:**

**The patient logs in.**

**The patient opens the pending appointments section.**

**The patient selects the appointment to confirm.**

**The system confirms the appointment and sends a notification.**

**6- Use Case Name: Cancel Appointment**

**Actors: Patient**

**Description: This use case allows a patient to cancel an existing appointment.**

**Preconditions:**

**The patient must have a scheduled appointment.**

**Postconditions:**

**The appointment is successfully canceled in the system.**

**Main Flow:**

**The patient logs into the system.**

**The patient navigates to the scheduled appointments section.**

**The patient selects the appointment to cancel.**

**The system updates the appointment status to cancel.**

**The system sends a cancellation confirmation to the patient.**

**7- Use Case Name: Request Medicines**

**Actors: Patient**

**Description: This use case lets the patient request medicines from the pharmacy.**

**Preconditions: The patient is logged in.**

**Postconditions: The medicine request is processed.**

**Main Flow:**

**The patient logs in.**

**The patient selects the medicine request option.**

**The patient chooses the medicines.**

**The system sends the request to the pharmacy for processing.**