

Extended Use Cases:

Base Use Case:

-Create an Account

- **Actor:** User
- **Steps:**
 - User enters necessary details
 - System verifies the details
 - System generates new account for the user

Extended Use Case 1:

-Account Verification

- **Trigger:** Email Verification Needed
- **Steps:**
 - System sends a verification mail to the users email address
 - User clicks on the link embedded on the mail
 - Systems verifies that the email is legit and grants access to the user.

Extended Use case 2:

-Password Reset

- **Trigger:** User forgets password
- **Steps:**
 - User enters the email that was registered
 - System sends a mail embedded with password reset link
 - User clicks on the reset link and redirected to password reset page
 - User creates and confirms new password
 - System updates the user's password

Base Use Case 2:

-Login

- **Actor:** User(Patient, Doctor, Admin)

- **Steps:**
 - User enter their login id and password
 - System checks the credentials
 - System grants access to the user according to their role (patient, doctor, admin).

Extended Use Case 1:

-See Messages

- **Trigger:** User checks messages after logging in.
- **Steps:**
 - After user (patient, doctor, admin) enters their credentials, user enters the system.
 - If user has any messages (unread) then system highlights them
 - User can view these messages.

Base Case 3:

- Make Appointment

- **Actor:** User

Extended Use Case 1:

-Cancel Appointment

- **Trigger:** User (patient) wants to cancel the appointment that was made earlier.
- **Steps:**
 - User selects the existing appointment that he/she wants to cancel.
 - System generates a message for confirmation.
 - User confirms the cancellation and the appointment is cancelled.
 - User gets a cancellation confirmation.

Extended Use Case 2:

-Reschedule Appointment

- **Trigger:** User (patient) wants to reschedule an appointment that was made earlier.
- **Steps:**
 - User selects the existing appointment that he/she wants to reschedule.

- System shows a list of the available slots for appointment of the chosen doctors.
- User selects a new time slot for the appointment.
- User confirms the new appointment.
- Systems sends confirmation message of the appointment to the user.

Base Use Case 4:

-Register New Doctor

- Actor: User (Admin)

Extended Use Case 1:

-Assign Roles and Credentials

- **Trigger:** Assigns new roles, department and credentials to newly registered doctors.
- **Steps:**
 - In newly registering doctor the system might assign role and departments to the doctor.
 - System assigns credentials to the registering doctor.