FLOW 1: SIGN UP

1.1 Pre-conditions:

- User must be on the sign up page.
- User must have an e-mail that non-signed up to the system.

1.2 Happy Path:

- **Steps:**
    1. User enters a name.
    2. User enters a valid e-mail address.
    3. User enters a password that meets the requirements.
    4. User clicks the *create account* button
- **Expected Result:** The system says 'We have sent you a verification email to your email address. Click and follow the link inside it.'

1.3 Edge Cases:

- **Case 1:** Enter non-accessible e-mail
    - **Action:** User enters an e-mail that they do not have access to
    - **Expected Result:** Even the verification e-mail is sent; since the sent verification e-mail can not be seen, the sign up process is incomplete.
- **Case 2:** Enter invalid name, e-mail address or password
    - **Action:** User enters an invalid name, e-mail address or password
    - **Expected Result:** An error message appears at bottom of the box.
- **Case 3:** Resend verification e-mail
    - **Action**: If the verification email is not received, click the "Send it again." link.
    - **Expected Result:** A new verification email should be sent to the user's inbox immediately.
- **Case 4:** Enter an e-mail used before
    - **Action:** User enters an e-mail address that used to create an account before
    - **Expected Result:** The system says "User already exists. Use another email."

FLOW 2: SIGN IN

2.1 Pre-conditions:

- User must be on the sign in page.

- User must have an e-mail signed up to the system.

2.2 Happy Path:

- **Steps:**

    1. User enters the e-mail signed up before.

    2. User enters the password correctly.

    3. User clicks the *sign in* button.

- **Expected Result:** User is redirected to the Dashboard / Home page.

2.3 Edge Cases:

- **Case 1:** Enter incorrect password

    o **Action:** User enters correct e-mail but incorrect password

    o **Expected Result:** An error message appears 'Invalid email or password'.

- **Case 2:** Enter a non-exist e-mail, do not enter an e-mail

    o **Action:** User enters an email that does not exist in the system or leaves the e-mail field blank

    o **Expected Result:** An error message 'That doesn't look like a valid email address' is displayed.

- **Case 3:** Leave both fields blank

    o **Action:** User leaves both e-mail and password fields blank and clicks *Sign In*.

    o **Expected Result:** Error messages appear at the bottom of input boxes and the *sign in* button can not be clicked.

FLOW 3: FORGOT PASSWORD

3.1 Pre-conditions:

- User must have an account created before.

- User must be on the sign in page.

- User does not know or remember the password.

3.2 Happy Path:

- **Steps:**

    1. User click on *Forgot your password?* button.

    2. User enters the e-mail address to receive instructions to reset the password.

    3. User clicks *Send Instructions* button.

- **Expected Result:** A message appears 'Reset instructions have been sent to your e-mail.'

3.3 Edge Cases:

- **Case 1:** Enter a different e-mail address.

    - **Action:** User enters an e-mail related to someone else's account.

    - **Expected Result:** A message appears 'Reset instructions have been sent to your e-mail.'

- **Case 2:** Enter a non-exist e-mail, do not enter an e-mail

    - **Action:** User enters an email that does not exist in the system or leaves the e-mail field blank

    - **Expected Result:** An error message appears 'Invalid email'.

FLOW 4: LOG OUT

4.1 Pre-conditions:

- User must be logged in to the system.

- User must be on the Dashboard or any internal page.

4.2 Happy Path:

- **Steps:**

    1. User clicks on the profile icon or avatar in the navigation menu.

    2. User clicks the "Log Out" or "Sign Out" button.

- **Expected Result:** The system redirects the user to the Sign In page immediately. The user session is terminated.

4.3 Edge Cases:

- **Case 1:** Click "Back" button after logout

    - **Action:** User logs out successfully, is redirected to the Sign In page, and then clicks the browser's "Back" button.

    - **Expected Result:** The user should not be able to see the Dashboard again. The system should keep the user on the Sign In page or show a login prompt.

- **Case 2:** Logout execution time

    - **Action:** User clicks the "Log Out" button.

    - **Expected Result:** The action completes immediately without errors.

FLOW 5: DASHBOARD NAVIGATION (SMOKE TEST)

5.1 Pre-conditions:

- User has just logged in successfully with valid credentials.

5.2 Happy Path:

- **Steps:**

    1. User observes the page loaded after login.

    2. User checks the browser URL.

    3. User checks the main page header/title.

- **Expected Result:** The browser URL contains /dashboard (or the specific path for the patient dashboard). The page displays a clear brand name or header stating "Patient Dashboard" or similar.

5.3 Edge Cases:

- **Case 1:** Direct access without login

    o **Action:** User copies the Dashboard URL, logs out, pastes the URL into the address bar, and hits 'Enter'.

    o **Expected Result:** The system blocks access and redirects the user to the Sign In page.

- **Case 2:** Reload the Dashboard

    o **Action**: User presses the page refresh/reload button while on the Dashboard.

    o **Expected Result:** The user remains logged in and the Dashboard reloads correctly without errors.

FLOW 6: CHANGE PASSWORD

6.1 Pre-conditions:

- User must be logged in.

- User must be on the "Profile" or "Settings" page.

6.2 Happy Path:

- **Steps:**

    1. User enters the current password.

    2. User enters the "New Password" (meeting requirements).

    3. User re-enters the new password in the 'Confirm Password' field.

    4. User clicks "Save" or "Update".

- **Expected Result:** A success message "Password updated successfully" is displayed.

6.3 Edge Cases:

- **Case 1:** Wrong current password

    o **Action:** User tries to change password but enters the old password incorrectly.

- o **Expected Result:** System prevents the change and shows "Current password is incorrect".
- **Case 2:** Mismatched new passwords
  - o **Action**: User enters different values in "New Password" and "Confirm Password" fields.
  - o **Expected Result:** System shows "Passwords do not match" error.