PRE-DEV DELIVERABLE IV

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TEST CASES

Test Case ID	TC-R-00
Test Scenario	Interface / Menu
Preconditions	Application compiled and executed.
Test Steps	1. Verify MedBot window is displayed. 2. Verify Home (pill) tab is displayed. 3. Click 'Account' tab. 4. Verify Account form is displayed. 5. Click 'Medications / Supplements' tab. 6. Verify Medications / Supplements form is displayed. 7. Click 'Patient Info' tab. 8. Verify Patient Information form is displayed. 9. Click 'Provider Info' tab. 10. Verify Provider Information form is displayed. 11. Click 'Alerts' tab. 12. Verify Alerts form is displayed. 13. Close Application
Expected Result	The correct form should load based on the selected tab.
Postconditions	N/A

☑ *PASSED*

Test Case ID	TC-R-01
Test Scenario	Account
Preconditions	Application is on the Account tab.
Test Steps	1. Verify Account form is displayed. 2. Click 'Username' text box. 3. Input Username (20 character max). 4. Click 'Password' text box. 5. Input Password (20 character max). 6. Click 'Register' button. 7. Click 'Log in' button.
Expected Result	The correct form should load based on the selected tab, 'Password' input should be masked, 'Register' & 'Log In' buttons signal slots.
Postconditions	N/A

☑ *PASSED*

TEST CASE PLANNING

Test Case ID	TC-R-02
Test Scenario	Valid Provider Registration
Preconditions	The provider is not registered.
Test Steps	1. Select 'Register as Provider'. 2. Enter a valid, unique username (less than 20 characters). 3. Enter a valid, unused License ID. 4. Enter a strong password (less than 20 characters). 5. Select 'Confirm'.
Expected Result	Registration should be successful, redirect to dashboard.
Postconditions	N/A

Test Case ID	TC-R-03
Test Scenario	Invalid Provider Registration
Preconditions	The username or License ID is already registered.
Test Steps	1. Select 'Register as Provider'. 2. Enter a duplicate username or License ID. 3. Enter a password. 4. Submit the form.
Expected Result	The system should display a clear error message indicating the conflict.
Postconditions	N/A

Test Case ID	TC-R-04
Test Scenario	Valid Patient Registration
Preconditions	The patient is not registered.
Test Steps	1. Select 'Register as Patient'. 2. Enter a valid, unused username. 3. Enter a secure password. 4. Submit the form.
Expected Result	Registration should be successful, and a confirmation message should be displayed.
Postconditions	N/A

Test Case ID	TC-R-05
Test Scenario	Invalid Patient Registration - Duplicate Username
Preconditions	The username is already registered.
Test Steps	1. Select 'Register as Patient'. 2. Enter a duplicate username. 3. Enter a password. 4. Submit the form.
Expected Result	An error message should be displayed.
Postconditions	N/A

Test Case ID	TC-S-01
Test Scenario	Valid Sign-In
Preconditions	User is already registered.
Test Steps	1. Go to the sign-in page. 2. Enter valid username and password. 3. Submit the form.
Expected Result	User should be redirected to the dashboard.
Postconditions	User session is active, homepage or dashboard is displayed.

Test Case ID	TC-S-02
Test Scenario	Invalid Sign-In
Preconditions	User attempts to log in with invalid credentials.
Test Steps	1. Go to the sign-in page. 2. Enter an incorrect username or password. 3. Submit the form.
Expected Result	An error message should be displayed.
Postconditions	User is not logged in; remains on login page with error displayed.

Test Case ID	TC-S-03
Test Scenario	Sign-In with No Input
Preconditions	User is on the sign-in page.
Test Steps	1. Leave both fields blank. 2. Submit the form.
Expected Result	The system should display an error message prompting the user to enter credentials.
Postconditions	No session created; error prompts user to enter credentials.

Patient Information Test Cases

1. Display Patient Information Test Case

Description: Verify that when a patient clicks on the "Patient Information" tab, the application displays their personal details with the following information: First Name, Middle Name, Last Name, Date of Birth, Social Security Number.

Precondition: Patient is registered, patient is logged into the application, patient is on the home screen.

Steps:

1. Click on the **Patient Info Tab**.
2. Verify the following fields are present:

> - First Name
>
> - Middle Name
>
> - Last Name
>
> - Date of Birth
>
> - Social Security Number

Expected Result: All patient information fields should exist and be correct.

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2. Edit and Confirm Patient Information Test Case

Description: Verify that the patient can edit and confirm their information.

Precondition: Patient is registered, patient is logged into the application, patient is on Patient Info Tab.

Steps:

1. Click Edit Button
2. Modify at least one field within patient information
3. Click Confirm Button
4. Verify that information is updated.

Expected Result: The edited information is saved and displayed correctly on the screen.

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3. Edit and Cancel Test Case

Description: Verify that cancel button within editing patient information is functional

Precondition: Patient is registered, patient is logged into the application, patient is on Patient Info Tab,

Steps:

1. Click Edit Button
2. Modify at least one field within patient information
3. Click cancel button
4. Verify previous information has remained

Expected Result: The previous information has not been updated.