

SPRINT - I

CMSC 355 FUNDAMENTALS OF SOFTWARE ENGINEERING

GROUP PROJECT - MEDBOT

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TEST CASES

Test Case ID	TC-FEATURE-00
Test Scenario	Landing
Preconditions	Application compiled and executed.
Test Steps	1. Verify MedBot Application is running. 2. Visit http://127.0.0.1:5000 in browser. 2. Verify Landing page is displayed. 3. Verify Sign In button is displayed. 4. Verify Register button is displayed. 5. Close Application.
Expected Result	The initial Landing Page should load in browser upon running the application.
Postconditions	N/A

✔ PASSED

Test Case ID	TC-FEATURE-01
Test Scenario	Registration
Preconditions	User is not registered and selected Register.
Test Steps	1. Verify the Registration form is displayed. 2. Select Patient/Provider role. 3. Enter First Name information. 4. Enter Last Name information. Patient: 5. Enter/Select Date of Birth information. Provider: 5. Enter License ID information. 6. Enter Username information. 7. Enter Password information. 8. Enter Phone Number information. 9. Select the Register button. 10. Verify redirected to Log In form.
Expected Result	Registration is successful and redirected to Log In form.

✔ PASSED

Test Case ID	TC-ERROR-00
Test Scenario	Invalid Registration
Preconditions	User attempts entering invalid credentials.
Test Steps	<ol style="list-style-type: none"> 1. Verify the Registration form is displayed. 2. Enter invalid information. 3. Select Register. 4. Verify error message is displayed.
Expected Result	An error message should be displayed.
Postconditions	User is not registered; remains on Registration form with error displayed.

✔ PASSED

TEST CASE PLANNING

Test Case ID	TC-FEATURE-02
Test Scenario	Sign-In
Preconditions	User has registered and selected Log In button.
Test Steps	<ol style="list-style-type: none"> 1. Verify the Log In form is displayed. 2. Select Patient/Provider role. 3. Enter valid Username. 4. Enter valid Password. 5. Select the Log In button. <p>Patient: 6. Verify Patient Dashboard is displayed.</p> <p>Provider: 6. Verify Provider Dashboard is displayed.</p>
Expected Result	Redirected to the respective Patient or Provider account dashboard.
Postconditions	N/A

Test Case ID	TC-ERROR-01
Test Scenario	Invalid Sign-In
Preconditions	User attempts entering invalid credentials.
Test Steps	<ol style="list-style-type: none"> 1. Verify the Log In form is displayed. 2. Enter invalid Username or Password. 3. Select the Log In button. 4. Verify error message is displayed.
Expected Result	An error message should be displayed.
Postconditions	User is not logged in; remains on Log In form with error displayed.

Test Case ID	TC-FEATURE-03
Test Scenario	Dashboard
Preconditions	User has signed in as a Patient or Provider.
Test Steps	<ol style="list-style-type: none"> 1. Verify the Dashboard is displayed. <p>Patient:</p> <ol style="list-style-type: none"> 2. Verify Medications button is displayed. 3. Verify View Provider Info button is displayed. <p>Provider:</p> <ol style="list-style-type: none"> 2. Verify Send Alerts button is displayed. 3. Verify View Patients button is displayed. 4. Verify Inbox button is displayed. 5. Verify Patient History button is displayed. 6. Verify Appointments button is displayed. 7. Verify Settings button is displayed. 8. Verify Log Out button is displayed.
Expected Result	The correct Dashboard should be displayed based on the registered account role.
Postconditions	N/A

Test Case ID	TC-FEATURE-04
Test Scenario	Patient Medications
Preconditions	Patient has selected the Medications button.
Test Steps	<ol style="list-style-type: none"> 1. Verify the Medications page is displayed. 2. Select Add Medication button. 3. Verify redirect to Add Medications form. 3. Enter/Select Medication Name. 4. Enter Dosage information. 5. Enter Frequency information. 6. Enter/Select Start Date. 7. Select Add Medication button. 8. Verify redirect to Medications page. 9. Verify Existing Medications is updated. 10. Select the Delete button. 11. Verify the medication entry is deleted. 10. Select Back to Dashboard button.
Expected Result	The correct page and form should be displayed, featuring a medications list to add or remove from.
Postconditions	N/A

Test Case ID	TC-FEATURE-05
Test Scenario	Log Out
Preconditions	Patient/Provider selected Log Out button.
Test Steps	<ol style="list-style-type: none"> 1. Verify the Dashboard is redirected to the Landing Page.
Expected Result	The user is redirected to the Landing page.
Postconditions	N/A