

Test Plan for Embleema Test Application

Objective

The objective of this test plan is to verify that the application's login, registration, password reset, and user detail functionalities operate as expected. This includes ensuring all UI elements, functional requirements, and validation processes meet specified standards.

Scope

This test plan encompasses the following features:

1. Login Screen

- Verify the functionality of the login process, including user authentication and error handling.

2. Forgot Password Screen

- Verify user registration functionality, including field validations, error messages, and successful account creation.

3. Register Screen

- Verify the password reset request functionality, ensuring that users can initiate and complete password resets effectively.

4. User Profile Screen

- Verify the display and functionality of user profile information, ensuring data accuracy and accessibility.

Test Environment

- **Web Browser:** Google Chrome
- **Operating System:** Windows 11

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Test Suite and Test Cases

Test Suite 1: Login Screen Test Suite

Test Data :

- **Valid user id:** <user_id> = app@testing.com
- **Valid user password:** <user_pass> = apptesting
- **Application Login URL:** http://localhost:8090

Suite	Test Case ID	Test Case Title	Steps	Expected Result	Actual Result	Bug Number	Test Step Result
		Shared Steps between Test cases	1. Open Login screen	Login screen must be displayed	Login screen is displayed properly	N/A	Pass
Login Screen	TC-1.1	Verify login form UI elements	2. Check for 'Email', 'Password', 'Login', 'Register', and 'Forgot Password' elements	All elements should be present and aligned correctly	All elements are properly displayed	N/A	Pass
Login Screen	TC-1.2	Successful login with valid credentials	2. Enter valid : <user_id> and : <user_pass>	Email ID and password must be entered successfully	Email ID and password are entered successfully	N/A	Pass
			3. Click 'Login' button	User should be redirected to the Registered User Details screen	Registered user screen is displayed	N/A	Pass

Login Screen	TC-1.3	Unsuccessful login with invalid credentials	2. Enter invalid email as 'app@test.com'/'appte'	Email ID and password must be entered successfully	Email ID and password are entered successfully	N/A	Pass
			3. Click 'Login' button	Error message 'Invalid credentials' should be displayed	Error message 'Invalid credentials' is displayed . User stays on Login page	N/A	Pass
Login Screen	TC-1.4	Attempt to login with missing email	2. Leave email blank and password as 'appte'	password must be entered successfully	password is entered successfully	N/A	Pass
			3. Click 'Login' button	Error message "email" is not allowed to be empty' should be displayed	Error message "email" is not allowed to be empty' is displayed . User stays on Login page	N/A	Pass

Login Screen	TC-1.5	Attempt to login with missing password	2. Enter invalid email as 'app@test.com' / password as blank	email must be entered successfully	email is entered successfully	N/A	Pass
			3. Click 'Login' button	Error message "password" is not allowed to be empty' should be displayed	Error message "password" is not allowed to be empty' is displayed . User stays on Login page	N/A	Pass
Login Screen	TC-1.6	Navigate to Forgot password page	2. Click 'Forgot Password' link	Forgot Password page must be displayed	Forgot Password page is displayed successfully	N/A	Pass
Login Screen	TC-1.7	Navigate to Register Page page	2. Click 'Register' button	Registration page must be displayed	Registration page is displayed successfully	N/A	Pass

Test Suite 2: Forgot Password Screen Test Suite

Test Data :

- **Valid user id:** <user_id> = app@testing.com
- **Invalid user id:** <invaliduser_id> = app@testin.frsvsd
- **Unknown user id:** <unknownuser_id> = abc@abc.com
- **Valid user password:** <user_pass> = apptesting
- **Application Login URL:** http://localhost:8090

Suite	Test Case ID	Test Case Title	Steps	Expected Result	Actual Result	Bug Number	Test Step Result
		Shared Steps between Test cases	1. Open Login screen and click on Forgot Password link	Forgot password screen must be displayed	Forgot password screen is displayed properly	N/A	Pass
Forgot Password Screen	TC-2.1	Verify reset password form UI elements	2. Check for 'Email Address' field and 'Send Reset Link' button	All elements should be present and aligned correctly	All elements are properly displayed	N/A	Pass
Forgot Password Screen	TC-2.2	Successful password reset request	2. Enter valid : <user_id> , <user_pass>	Email ID must be entered successfully	Email ID is entered successfully	N/A	Pass
			3. Click 'Send Reset Link'	Confirmation message should appear, indicating that reset instructions were sent	Registered user received an email to reset password	N/A	Pass

Forgot Password Screen	TC-2.3	Unsuccessful password reset request with invalid email	2. Enter invalid : <invaliduser_id >	Email ID must be entered successfully	Email ID is entered successfully	N/A	Pass
			3. Click 'Send Reset Link'	Error message "email" must be a valid email' should be displayed	Error message "email" must be a valid email' is displayed . User stays on Reset Password page	N/A	Pass
Forgot Password Screen	TC-2.4	Unsuccessful password reset request with unregistered email	2 Enter unknown user id : <unknownuser_id >	Email ID must be entered successfully	Email ID is entered successfully	N/A	Pass
			3. Click 'Send Reset Link'	Error message 'User not found' should be displayed	Error message 'User not found' is displayed . User stays on Reset Password page	N/A	Pass

Forgot Password Screen	TC-2.5	Attempt to reset password with empty email field	2. Leave email blank	No value must be displayed in the email field	Email field is observed to be empty	N/A	Pass
			3. Click 'Send Reset Link'	Error message " "email" is not allowed to be empty should be displayed	Error message " "email" is not allowed to be empty is displayed . User stays on Reset Password page	N/A	Pass
Forgot Password Screen	TC-2.6	Navigate back to login page	2. Click LOGIN link at the top right corner of the page under reset password page	Login Page must be displayed	Login Page is displayed successfully	N/A	Pass
Forgot Password Screen	TC-2.7	Navigate to Register Page	2. Click 'Register' at the top right corner of the page under reset password page	Register Page must be displayed	Register Page is displayed successfully	N/A	Pass

Test Suite 3: Register Screen Test Suite

Test Data :

- **Valid user id:** <user_id> = app@testing.com
- **Invalid user id:** <invaliduser_id> = app@testin.frsvsd
- **Valid user password:** <user_pass> = apptesting
- **Invalid user password:** <invaliduser_pass> = app
- **Valid Phone number:** <valid_phone_no> = 0123456789
- **Invalid Phone number:** <invalid_phone_no> = 012345678t
- **Valid Social Security number:** <valid_ssn_no> = 0123456789
- **Invalid Social Security number:** <invalid_ssn_no> = 012345678t
- **Valid Physician First Name:** <valid_phy_fn> = Peter
- **Invalid Physician First Name:** <invalid_phy_fn> = T
- **Valid Physician Last Name:** <valid_phy_ln> = Pan
- **Invalid Physician Last Name:** <invalid_phy_ln> = C
- **Valid Care Site Name:** <valid_cs_name> = Paris
- **Invalid Care Site Name:** <invalid_cs_name> = P
- **Valid Care Site Address:** <valid_cs_address> = 28 rue de Notre Dame
- **Invalid Care Site Address:** <invalid_cs_address> = 28 r
- **Valid Care Site Address:** <valid_cs_address> = 28 rue de Notre Dame
- **Valid Blood Type:** <valid_blood_type> = O-
- **Valid DOB:** <valid_dob> = 2001/02/01
- **Valid Sex:** <valid_sex> = Male

- **Valid Physician Title:** <valid_phy_title> = Dr.
- **Valid User First Name:** <valid_user_fn> = Sherlock
- **Invalid User First Name:** <invalid_user_fn> = S
- **Valid User Last Name:** <valid_user_ln> = Holmes
- **Invalid User Last Name:** <invalid_user_ln> = H

Suite	Test Case ID	Test Case Title	Steps	Expected Result	Actual Result	Bug Number	Test Step Result
		Shared Steps between Test cases	1. Open Login screen and click on Register button	Registrati on Page must be displayed	Registrati on Page is displayed properly	N/A	Pass

Register Screen	TC-3.1	Successful User Registration	2. Enter valid values as below <valid_user_fn> ,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Register button	User is redirected to Login Page	Login Page is displayed	N/A	Pass
			4. Enter earlier used valid : <user_id> and : <user_pass> and click Login button	Registered user profile user is displayed	Registered user is able to login successfully	N/A	Pass

Register Screen	TC-3.2	Invalid First Name error handling	2. Enter valid values as below <invalid_user_fn>,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Register button	Error message "firstName length must be at least 2 characters long" should be displayed	Error message "firstName length must be at least 2 characters long" is displayed . User stays on Register page	N/A	Pass

Register Screen	TC-3.3	Invalid Last Name error handling	2. Enter valid values as below <valid_user_fn> ,<invalid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phys_fn>,<valid_phys_ln>,<valid_phys_title>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Register button	Error message "lastName length must be at least 2 characters long" should be displayed	Error message "lastName length must be at least 2 characters long" is displayed . User stays on Register page	N/A	Pass

Register Screen	TC-3.4	Invalid Phone Number error handling	2. Enter valid values as below <valid_user_fn>,<valid_user_ln>,<invalid_phone_no>,<valid_ss_n_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
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			3. Click Register button	Error message ' phoneNu mber with value 01234567 8tfails to match required pattern' should be displayed	Error message phoneNu mber with value 0123456 78tfails to match required pattern'' is displayed . User stays on Register page	N/A	Pass
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Register Screen	TC-3.5	Invalid Physician First Name error handling	2. Enter valid values as below <valid_user_fn>,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<invalid_physician_fn>,<valid_physician_ln>,<valid_physician_title>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Register button	Error message "usualPhysician.firstName" length must be at least 2 characters long' should be displayed	Error message "usualPhysician.firstName" length must be at least 2 characters long" is displayed . User stays on Register page	N/A	Pass

Register Screen	TC-3.6	Invalid Physician Last Name error handling	2. Enter valid values as below <valid_user_fn>,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<invalid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Register button	Error message "usualPhysician.lastName" length must be at least 2 characters long' should be displayed	Error message "usualPhysician.lastName" length must be at least 2 characters long'' is displayed . User stays on Register page	N/A	Pass

Register Screen	TC-3.7	Invalid Care Site Name error handling	2. Enter valid values as below <valid_user_fn>,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<invalid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Register button	Error message "careSite.name" length must be at least 2 characters long' should be displayed	Error message "careSite.name" length must be at least 2 characters long" is displayed . User stays on Register page	N/A	Pass

Register Screen	TC-3.8	Invalid Care Site Address error handling	2. Enter valid values as below <valid_user_fn> ,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<invalid_cs_address>,<valid_user_fn> ,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Register button	Error message "careSite .Address" length must be at least 2 character s long' should be displayed	Error message "careSite. Address " length must be at least 2 character s long" is displayed . User stays on Register page	N/A	Pass

Register Screen	TC-3.9	Invalid Email ID error handling	2. Enter valid values as below <valid_user_fn>,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<invalid_cs_address>,<valid_user_fn>,<valid_user_ln>,<invalid_user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Register button	Error message "email must be a valid email" should be displayed	Error message "email must be a valid email" is displayed . User stays on Register page	N/A	Pass

Register Screen	TC-3.10	Invalid Password error handling	2. Enter valid values as below <valid_user_fn>,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<invalid_cs_address>,<valid_user_fn>,<valid_user_ln>,<valid_user_id>,<invalid_user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Register button	Error message 'password length must be at least 6 characters long' should be displayed	Error message 'password length must be at least 6 characters long' is displayed . User stays on Register page	N/A	Pass

Test Suite 4: User Profile Screen Test Suite

Test Data :

- **Valid User First Name:** <valid_user_fn> = John
- **Invalid User First Name:** <invalid_user_fn> = J
- **Valid User Last Name:** <valid_user_ln> = Watson
- **Invalid User Last Name:** <invalid_user_ln> = G
- **Valid Phone number:** <valid_phone_no> = 0123456788
- **Invalid Phone number:** <invalid_phone_no> = 012345679t
- **Valid Social Security number:** <valid_ssn_no> = 0123456788
- **Invalid Social Security number:** <invalid_ssn_no> = 012345679t
- **Valid Physician First Name:** <valid_phy_fn> = Steve
- **Invalid Physician First Name:** <invalid_phy_fn> = S
- **Valid Physician Last Name:** <valid_phy_ln> = Dan
- **Invalid Physician Last Name:** <invalid_phy_ln> = D
- **Valid Care Site Name:** <valid_cs_name> = Lyon
- **Invalid Care Site Name:** <invalid_cs_name> = A
- **Valid Care Site Address:** <valid_cs_address> = 28 rue de Notre
- **Invalid Care Site Address:** <invalid_cs_address> = 28 r
- **Valid Care Site Address:** <valid_cs_address> = 28 rue de Notre
- **Valid Blood Type:** <valid_blood_type> = A-
- **Valid DOB:** <valid_dob> = 2001/02/02
- **Valid Sex:** <valid_sex> = Female

- **Valid Physician Title:** <valid_phy_title> = Dr.
- **Valid user id:** <user_id> = app@testing.com
- **Invalid user id:** <invaliduser_id> = app@testin.frsvsd
- **Valid user password:** <user_pass> = apptesting
- **Invalid user password:** <invaliduser_pass> = app

Suite	Test Case ID	Test Case Title	Steps	Expected Result	Actual Result	Bug Number	Test Step Result
		Shared Steps between Test cases	1. Open Login screen, Enter valid values as below <valid_user_id> ,<invalid_user_pass> and click on Login button	User Profile Page must be displayed	User Profile Page is displayed properly	N/A	Pass

User Profile Screen	TC-4.1	Successful user profile details modification	2. Enter valid values as below <valid_user_fn>,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Update Profile button	'Profile updated successfully' must be displayed	'Profile updated successfully' displayed successfully	N/A	Pass

User Profile Screen	TC-4.2	Invalid First Name modification error handling	2. Enter valid values as below <invalid_user_fn>,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Update Profile button	Error message "firstName length must be at least 2 characters long" should be displayed	Error message "firstName length must be at least 2 characters long" is displayed . User stays on Register page	N/A	Pass

User Profile Screen	TC-4.3	Invalid Last Name modification error handling	2. Enter valid values as below <valid_user_fn> ,<invalid_user_ln>,<valid_phone_no>,<valid_ss_n_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_tittle>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Update Profile button	Error message "lastName length must be at least 2 characters long" should be displayed	Error message "lastName length must be at least 2 characters long" is displayed . User stays on Register page	N/A	Pass

User Profile Screen	TC-4.4	Invalid Phone Number modification error handling	2. Enter valid values as below <valid_user_fn>,<valid_user_ln>,<invalid_phone_no>,<valid_ss_n_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
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			3. Click Update Profile button	Error message ' phoneNu mber with value 01234567 8tfails to match required pattern' should be displayed	Error message phoneNu mber with value 0123456 78tfails to match required pattern'' is displayed . User stays on Register page	N/A	Pass
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User Profile Screen	TC-4.5	Invalid Physician First Name modification error handling	2. Enter valid values as below <valid_user_fn>,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<invalid_phys_fn>,<valid_phys_ln>,<valid_phys_title>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Update Profile button	Error message "usualPhysician.firstName" length must be at least 2 characters long' should be displayed	Error message "usualPhysician.firstName" length must be at least 2 characters long' is displayed . User stays on Register page	N/A	Pass

User Profile Screen	TC-4.6	Invalid Physician Last Name modification error handling	2. Enter valid values as below <valid_user_fn>,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<invalid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Update Profile button	Error message "usualPhysician.lastName" length must be at least 2 characters long' should be displayed	Error message "usualPhysician.lastName" length must be at least 2 characters long' is displayed . User stays on Register page	N/A	Pass

User Profile Screen	TC-4.7	Invalid Care Site Name modification error handling	2. Enter valid values as below <valid_user_fn> ,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<invalid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Update Profile button	Error message "careSite.name" length must be at least 2 characters long' should be displayed	Error message "careSite.name" length must be at least 2 characters long" is displayed . User stays on Register page	N/A	Pass

User Profile Screen	TC-4.8	Invalid Care Site Address modification error handling	2. Enter valid values as below <valid_user_fn> ,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<invalid_cs_address>,<valid_user_fn> ,<valid_user_ln>,<user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Update Profile button	Error message " careSite .Address" length must be at least 2 character s long' should be displayed	Error message " careSite. Address " length must be at least 2 character s long'' is displayed . User stays on Register page	N/A	Pass

User Profile Screen	TC-4.9	Invalid Email ID modification error handling	2. Enter valid values as below <valid_user_fn>,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<invalid_user_id>,<user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Update Profile button	Error message "email must be a valid email" should be displayed	Error message "email must be a valid email" is displayed . User stays on Register page	N/A	Pass

User Profile Screen	TC-4.10	Invalid Password modification error handling	2. Enter valid values as below <valid_user_fn>,<valid_user_ln>,<valid_phone_no>,<valid_ssn_no>,<valid_blood_type>,<valid_sex>,<valid_dob>,<valid_phy_fn>,<valid_phy_ln>,<valid_phy_title>,<valid_cs_name>,<valid_cs_address>,<valid_user_fn>,<valid_user_ln>,<valid_user_id>,<invalid_user_pass>	All values must be entered successfully	All values are entered successfully	N/A	Pass
			3. Click Update Profile button	Error message 'password length must be at least 6 characters long' should be displayed	Error message 'password length must be at least 6 characters long' is displayed . User stays on Register page	N/A	Pass

