

System Testing

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The functional requirement that will be considered in the first test case is that:

The system must allow the patient to sign up for their account using email and password.

Test case ID	TC_LOG_1
Test priority	High priority
Test Title/Name	Verify the sign-up page using a valid email and password
Test summary/Description	The objective of this test is to confirm that using a valid email and password, a user (patient) can sign up for an account via the sign up page and that the account is created
Pre-conditions	User must have a username and password Must have a valid email
Dependencies	Creating a user account Making sure user gets access to the account Make sure it is user friendly Make sure user accounts are private and information is confidential
Test Steps	<ul style="list-style-type: none">● Enter URL in browsers then select new User, new users registration form is displayed● Enter personal information and fill out the registration form● Complete security questions and agree to terms and condition● Submit form to create account● Check email for account verification link to verify email

	<ul style="list-style-type: none"> ● Click on account verification link to verify email ● Login in account to complete sign up
Test Data	<ul style="list-style-type: none"> ● First name - Brenda ● Last name - Duke ● Gender - female ● Birth date - 20-Feb-2000 ● Address - 23 sophia, Georgetown ● Phone number - 6247826 ● Email - new@mail.com ● Password - @pddY231 ● Security question - what is your favorite book? ● Account verification link - https://verifyaccount/newuser6837290
Expected Results	<ul style="list-style-type: none"> ● Allow users to access the sign up form. ● Allow users to Enter information on form e.g. email, name, Password. ● Account verification link is sent to users' email. ● Users can click on the account verification link to verify their email and gain access to the new account. ● User can log in to new account to complete the sign-up process ● If the email is not valid, the system displays the message "Invalid email address:" and prompts the user to try again.
Post Conditions	Display: Registration complete. You can now log into your account.

The functional requirement that will be considered in the second test case is that:

The system must allow the user to reset their password by clicking “I forgot my password” on the login page and receiving a link to their verified email address.

Test case ID	TC_LOG_2
Test priority	Medium priority
Test Title/Name	Verify the reset password feature on the login page with a valid email
Test summary/Description	The objective of this test is to confirm that clicking on the “i forgot my password” link on the login page allows a valid account user to reset their password using the email address used to create their account, and subsequently log into their account using the new password
Pre-conditions	User must have a valid account Check to see if Forgot Password option is shown Verify that the forget password link is working
Dependencies	Add a link to be used for resetting Make sure a password reset service is active and always running and is link to active directory Make sure a password record system is in place and also a audit log
Test Steps	<ul style="list-style-type: none">● Click on the forgot password link● Enter email that was use to set up account● Retrieve verification link sent to email account● Click on verification link to complete the password reset process● Answer security question● Enter new password● Confirm new password● Click update button to reset password● User is notify of a confirmation email sent to their email

	<ul style="list-style-type: none"> ● Login in with new password to verify password was reseted
Test Data	<ul style="list-style-type: none"> ● Email - new@mail.com ● Verification link - https://resetuser6837290 ● Answer to security question - wolves ● New password - Wilful@23
Expected Results	<ul style="list-style-type: none"> ● Users can click on the 'I forgot my password' link to initiate password reset. ● Users can enter the email address used to sign up their account and the system recognizes the email. ● Verification link is sent to email ● Users can enter answer to security question and the system can verify the answer is correct ● Users can enter a new password ● Users can re-enter password to confirm the new password ● The users old password in the system is updated to the new password ● If the password is updated, then the test passed, if not, the test failed and an error message is sent saying: "Failed to change password".
Post Conditions	Display: Password reset completed. Please try to login with your new password.