**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** | * 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 * Click on account verification link to verify email * Login in account to complete sign up |
| **Test Data** | * 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** | * 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** | * 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 * Login in with new password to verify password was resetted |
| **Test Data** | * Email - new@mail.com * Verification link - https://resetuser6837290 * Answer to security question - wolves * New password - Wilful@23 |
| **Expected Results** | * 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. |