**Test cases For Login Page**

## **UI Test Scenarios for Login Page**

1. Verify that all the labels and controls including text-boxes, buttons, and logo, links are present on the Login page.
2. Verify that the size, color, and UI of the different elements are as per the specifications.
3. Verify that the application’s UI is responsive i.e. it should adjust to different screen resolutions and devices.

## **Functional Test Scenarios for Login Page**

1. Verify that as soon as the login page opens, by default the cursor should remain on the username textbox.
2. Verify that the user is able to navigate or access the different controls by pressing the ‘Tab’ key on the keyboard.
3. Verify that the password is in masked form when entered.
4. Verify that the user is able to login by entering valid credentials and clicking on the ‘Login’ button.
5. Verify that the user is able to login by entering valid credentials and pressing Enter key.
6. Verify that the user is not able to login with an invalid username and password.
7. Verify that the validation message gets displayed in case the user leaves the username or password field as blank.
8. Verify that the validation message is displayed in the case the user does not put a proper email format the character limit of the user name and password fields.
9. Verify if there is a button with the label “sign in with google” on the login page.
10. Verify if there is a button with the label “Sign up” on the login page
11. Verify if there is a button with the label “I forgot my password” on the login page
12. Verify that the user is able to login with the google in button
13. Verify that closing the browser should not log-out an authenticated user. Launching the application should lead the user to login state only

## **Security Test Scenarios**

1. Verify that there is a limit on the total number of unsuccessful login attempts. So that a user cannot use a brute-force mechanism to try all possible combinations of username-password.
2. Verify that in case of incorrect credentials, a message like “incorrect username or password” should get displayed instead of an exact message pointing to the incorrect field because a message like “incorrect password” will help a hacker in knowing that the username is correct and he just needs to try a different combination on the password field only.
3. Verify the login session timeout duration. So, that once logged-in a user cannot be authenticated for a life-time.
4. Verify that once logged in, clicking the back button doesn’t logout the user.
5. Verify if SQL Injection attacks work on the login page. The application should not be vulnerable to SQL injection attacks.

**Test cases For SignUp Page**

## **UI Test Scenarios for SignUp Page**

1)Verify that all the labels and controls including text-boxes, buttons, and links are present on the SignUp page

2)Verify that the font type and size of the labels and the text written on the different elements should be clearly visible.

3)Verify that the application’s UI is responsive i.e. it should adjust to different screen resolutions and devices.

## **Functional Test Scenarios for SignUp page**

1. Verify that the Registration form contains Email and Password fields.
2. After filling up the correct Email and Password it should send an email to finish the Signup Process.
3. Verify that the Post Registration form contains First Name, Last Name, Reason for using, Select activity Submit,(If you already have an account)
4. Verify that tab functionality is working properly or not
5. Verify that Enter/Tab key works as a substitute for the Submit button
6. Verify that all the fields such as Username and Password fields have a valid placeholder
7. Verify that the labels float upward when the text field is in focus or filled (In case of floating label)
8. Verify that all the required/mandatory fields are marked with \* against the field
9. Verify that clicking on submit button after entering all the mandatory fields, submits the data to the server
10. Verify that system generates a validation message when clicking on submit button without filling all the mandatory fields.
11. Verify that entering blank spaces on mandatory fields lead to validation error
12. Verify that system generates a validation message when entering existing email address
13. Verify that the character limit in all the fields (for password) based on business requirement
14. Verify that the validation of all the fields are as per business requirement
15. Verify that the validation of email field by entering incorrect email id
16. Verify that the “terms and conditions” checkbox is unselected by default (depends on business logic, it may be selected or unselected)
17. Verify that the validation message is displayed when clicking on submit button without selecting “terms and conditions” checkbox
18. Verify that the password is in encrypted form when entered