Testing

Positive and Negative Testcases

Positive Testcases:

1. Registration completed:

Steps:

1. Enter the registration page.

2. Enter valid user information (first name, last name, email, password).

3. Accept the terms and conditions. 4. Click the "Register" button.

• Expected results: The user should register successfully and be directed to the login page.

2. Registration with all fields filled in:

Steps:

1. Enter the registration page.

2. Enter valid information (first name, last name, email, password) in all required fields.

2. Enter valid information (first name, last name, email, password) in all required fields.

3. Accept the terms.

4. Click the "Register" button.

• Expected results: All user information should be saved and the user should be directed to the login page.

3. Sign up using a valid email format:

Steps:

1. Go to the signup page.

2. Enter a valid email address.

3. Acceptance of Terms and Conditions. 4. Click the "Register" button.

• Required results: The user must complete the registration using the email address provided.

4. Sign up using a strong password:

Steps:

1. Go to the registration page.

2. Enter a password that meets the requirements (for example, a combination of uppercase letters, lowercase letters, numbers, and special characters).

3. Accept the terms and conditions.

4. Click the "Register" button.

• Required results: User registration must be completed using a strong password provided.

Negative Testcases:

1. Registration with incomplete information:

Steps of reproduction:

1. Navigate to the registration page.

2. Leave one or more required fields blank (e.g., first name, last name, email, password).

3. Click on the “Register" button.

• Expected Result: The user should not be registered, and an error message displaying the missing field(s) should be displayed.

2. Registration with Invalid Email Format:

Steps:

1. Navigate to the registration page.

2. Enter an invalid email address format (eg, the "@" symbol is missing).

3. Accept the terms and conditions.

4. Click on the “Register" button.

• Expected Result: User registration should fail, and an error message indicating an invalid email format should be displayed.

3. Registration with already registered email:

Prerequisite: The email address is already registered in the system.

Steps:

1. Navigate to the registration page.

2. Enter an email address that is already registered.

3. Accept the terms and conditions.

4. Click on "Register" button.

• Expected Result: User registration should fail, and an error message should be displayed indicating that the email is already registered.

4. Registration with weak password:

Steps:

1. Navigate to the registration page.

2. Enter a password that does not meet the specified criteria (eg, lacks a capital letter, number, or special character).

3. Accept the terms and conditions.

4. Click on the “Register" button.

• Expected Result: User registration should fail, and an error message indicating a weak password should be displayed.

5. Registration not accepted with terms and conditions:

Steps:

1. Navigate to the registration page.

2. Enter valid user information (first name, last name, email, password).

3. Don't accept the terms and conditions.

4. Click on the “Register" button.

• Expected Result: The user should not be registered, and an error message indicating acceptance of the terms and conditions should be displayed.