### **1. Login Feature Testing**

**Objective:** To ensure users can log in with correct credentials and are prevented from logging in with incorrect credentials.

#### Test Case 1: Successful Login

* **Description:** Verify that users can log in with correct credentials.
* **Test Data:**
  + Username: **testUser**
  + Password: **CorrectPassword123**
* **Test Steps:**
  + Navigate to the login page.
  + Enter the provided username and password.
  + Click on the login button.
* **Expected Result:** User is redirected to the homepage.
* **Test Environment:** Staging environment with simulated user data.
* **User Acceptance Testers:** A group of selected end-users.

#### Test Case 2: Unsuccessful Login

* **Description:** Verify that users cannot log in with incorrect credentials.
* **Test Data:**
  + Username: **testUser**
  + Password: **IncorrectPassword123**
* **Test Steps:**
  + Navigate to the login page.
  + Enter the provided username and incorrect password.
  + Click on the login button.
* **Expected Result:** User is redirected back to the login page with an error message indicating incorrect password.
* **Test Environment:** Staging environment with simulated user data.
* **User Acceptance Testers:** A group of selected end-users.

### **2. Registration Feature Testing**

**Objective:** To ensure that new users can register with valid credentials.

#### Test Case: Successful Registration

* **Description:** Verify that new users can register with valid and unique credentials.
* **Test Data:**
  + Email: [**newUser@test.com**](mailto:newUser@test.com)
  + Display Name: **NewUser**
  + Username: **newUser123**
  + Password: **NewPassword123**
* **Test Steps:**
  + Navigate to the registration page.
  + Enter the provided email, display name, username, and password.
  + Click on the register button.
* **Expected Result:** User is redirected to the homepage, and their information is stored in the ‘users’ database.
* **Test Environment:** Staging environment with simulated user data.
* **User Acceptance Testers:** A group of selected end-users.

### **3. Delete User Feature Testing**

**Objective:** To ensure that users can delete their account.

#### Test Case: Successful Account Deletion

* **Description:** Verify that logged-in users can delete their account.
* **Test Data:**
  + Username: **existingUser**
  + Password: **ExistingUserPass**
* **Test Steps:**
  + Log in with the existing user credentials.
  + Navigate to the profile page.
  + Select the option to delete the account.
  + Confirm account deletion.
* **Expected Result:** User is redirected to the login page, and their account is removed from the database.
* **Test Environment:** Staging environment with live-like user data.
* **User Acceptance Testers:** A group of selected end-users.