### **Test Cases for Login Form**

#### **1. Email Field**

**Test Case 1.1:**

* **ID:** TC-001
* **Name:** Empty Email Field
* **Description:** Verify the form behavior when the email field is left empty.
* **Steps:**

1. Open the login form.
2. Leave the email field blank.
3. Enter a valid password in the password field.
4. Click the "Login" button.

* **Expected Result:** Error message indicating that the email is required.
* **Actual result**

**Test Case 1.2:**

* **ID:** TC-002
* **Name:** Invalid Email Format
* **Description:** Verify the form behavior when an invalid email format is entered.
* **Steps:**

1. Open the login form.
2. Enter invalidemail@ in the email field.
3. Enter a valid password in the password field.
4. Click the "Login" button.

* **Expected Result:** Error message indicating that the email format is invalid.
* **Actual result**

**Test Case 1.3:**

* **ID:** TC-003
* **Name:** Valid Email
* **Description:** Verify the form accepts a valid email.
* **Steps:**

1. Open the login form.
2. Enter [validemail@example.com](mailto:validemail@example.com) in the email field.
3. Enter a valid password in the password field.
4. Click the "Login" button.

* **Expected Result:** Form accepts the input and no error is shown.
* **Actual result**

#### **2. Password Field**

**Test Case 2.1:**

* **ID:** TC-004
* **Name:** Empty Password Field
* **Description:** Verify the form behavior when the password field is left empty.
* **Steps:**

1. Open the login form.
2. Enter a valid email in the email field.
3. Leave the password field blank.
4. Click the "Login" button.

* **Expected Result:** Error message indicating that the password is required.
* **Actual result**

**Test Case 2.2:**

* **ID:** TC-005
* **Name:** Incorrect Password
* **Description:** Verify the form behavior when an incorrect password is entered.
* **Steps:**

1. Open the login form.
2. Enter a valid email in the email field.
3. Enter IncorrectPassword in the password field.
4. Click the "Login" button.

* **Expected Result:** Error message indicating that the password is incorrect.
* **Actual result**

**Test Case 2.3:**

* **ID:** TC-006
* **Name:** Valid Password
* **Description:** Verify the form accepts a valid password.
* **Steps:**

1. Open the login form.
2. Enter a valid email in the email field.
3. Enter ValidPassword1 in the password field.
4. Click the "Login" button.

* **Expected Result:** Form accepts the input and no error is shown.
* **Actual result**

#### **3. Submit Login**

**Test Case 3.1:**

* **ID:** TC-007
* **Name:** Successful Login
* **Description:** Verify the form submission is successful with all valid inputs.
* **Steps:**

1. Open the login form.
2. Enter [validemail@example.com](mailto:validemail@example.com) in the email field.
3. Enter ValidPassword1 in the password field.
4. Click the "Login" button.

* **Expected Result:** Form is submitted successfully, and the user is logged in.
* **Actual result**

**Test Case 3.2:**

* **ID:** TC-008
* **Name:** All Fields Empty
* **Description:** Verify the form behavior when all fields are left empty.
* **Steps:**

1. Open the login form.
2. Leave the email and password fields blank.
3. Click the "Login" button.

* **Expected Result:** Error messages for all required fields.
* **Actual result**

**Test Case 3.3:**

* **ID:** TC-009
* **Name:** Some Fields Invalid
* **Description:** Verify the form behavior when some fields are filled correctly and some incorrectly.
* **Steps:**

1. Open the login form.
2. Enter [validemail@example.com](mailto:validemail@example.com) in the email field.
3. Enter InvalidPassword in the password field.
4. Click the "Login" button.

* **Expected Result:** Error message indicating that the password is incorrect.
* **Actual result**