

## L 9 : Test case writing activity

### Test Case 1: Valid Credentials Login

1. Description: Verify that a user can successfully login with valid email and password.
2. Input:
  - Email: valid email address
  - Password: valid password
  - Remember Me: unchecked
3. Expected Output: User should be logged in and directed to the dashboard/homepage.

### Test Case 2: Empty Email Field

1. Description: Verify that an error message is displayed when the email field is left empty.
2. Input:
  - Email: empty
  - Password: valid password
  - Remember Me: unchecked
3. Expected Output: Error message should be displayed prompting the user to fill in the email field.

### Test Case 3: Empty Password Field

1. Description: Verify that an error message is displayed when the password field is left empty.
2. Input:
  - Email: valid email address
  - Password: empty
  - Remember Me: unchecked
3. Expected Output: Error message should be displayed prompting the user to fill in the password field.

### Test Case 4: Invalid Email Format

1. Description: Verify that an error message is displayed when an invalid email format is entered.
2. Input:
  - Email: invalid email format (e.g., "invalidemail.com")
  - Password: valid password
  - Remember Me: unchecked
3. Expected Output: Error message should be displayed indicating that the email format is invalid.

### Test Case 5: Invalid Credentials

1. Description: Verify that an error message is displayed when the user enters invalid credentials.
2. Input:
  - Email: valid email address
  - Password: incorrect password
  - Remember Me: unchecked
3. Expected Output: Error message should be displayed indicating that the credentials are invalid.

### Test Case 6: Remember Me Checkbox

1. Description: Verify that the "Remember Me" functionality works as expected.
2. Input:
  - Email: valid email address
  - Password: valid password
  - Remember Me: checked
3. Expected Output: User should remain logged in even after closing the browser or logging out, until manually logged out.

### Test Case 7: Forgot Password Link

1. Description: Verify that clicking on the "Forgot Password" link redirects the user to the password reset page.
2. Input:
  - Click on "Forgot Password" link
3. Expected Output: User should be redirected to the password reset page where they can reset their password.

### Test Case 8: Login Button

1. Description: Verify that clicking on the login button submits the login credentials.
2. Input:
  - Click on the "Login" button
3. Expected Output: User should either be logged in successfully or prompted with appropriate error messages based on the input provided.