**Detailed Outlining Steps to manually test Login Form**

Manually testing a login form involves several steps to ensure that the form works correctly under various conditions. Here’s a detailed approach I will implement to manually test a login form:

**Preliminary Set up**

Understand Requirements: Review the specifications and requirements for the login form.

Test Environment: Ensure you have access to a testing environment

Previously created user account

**Field Validation**

**Required Fields**: Test submitting the form with each required field left empty to ensure appropriate error messages are displayed.

**Email Field**: Enter invalid email addresses and check for validation errors.

**Password Field**: Test the invalid password and check for validation error

**Functional Testing**

**Form Submission**: Test form submission with valid data to ensure successful login.

**Error Handling**: Verify that appropriate error messages are displayed for invalid submissions.

**Usability Testing**

**Keyboard Accessibility**: Ensure the form can be completed using only the keyboard.

**Error Messages**: Verify that error messages are clear, concise, and helpful.

**Post-Submission Testing**

Success Page: Verify that users are redirected to a success page or receive a success message after successful login.

**Negative Testing**

Enter wrong inputs and attempt to login

Empty Submission: Attempt to submit the form without filling in any fields or filling in one of the fields

**High Level Test cases in Gherkin Format**

**Feature:** Login Form

**Scenario 1: Valid Email and password input Component**

Given that the user is on the login screen

When the valid email is provided

And the valid password is provided

And the login button is clicked

Then user should be successfully logged in

And the message “Woohoo I’m logged in!” is displayed

Screenshot: A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

**PASS/FAIL = PASS**

**Question** – Ok button needs to be clicked (is it an expected behaviour as this is not mentioned in the acceptance criteria?), then the expected screen will then be displayed. Refer to the above screenshot.

**Scenario 2: Invalid Email and Invalid password input component**

Given that the user is on the login screen

When the invalid email is provided

And the invalid password is provided

And the login button is clicked

Then user should be denied access

And the message “Error: The email or password you entered is invalid”

Screenshot A screenshot of a login page

Description automatically generated

A screenshot of a login page

Description automatically generated

**PASS/FAIL = PASS**

**Scenario 3: Valid Email and Invalid password input component**

Given that the user is on the login screen

When the valid email is provided

And the invalid password is provided

And the login button is clicked

Then user should be denied access

And the message “Error: The email or password you entered is invalid”

**PASS/FAIL = PASS**

A screenshot of a login page

Description automatically generated

Screenshot

**Scenario 4: Invalid Email and valid password input component**

Given that the user is on the login screen

When the Invalid email is provided

And the valid password is provided

And the login button is clicked

Then user should be denied access

And the message “Error: The email or password you entered is invalid”

**PASS/FAIL = PASS**

Screenshot

A screenshot of a computer screen

Description automatically generated

**Scenario 5: Password is hidden by default**

Given that the user is on the login screen

When the valid email is provided

And the valid password is provided

Then the password is hidden by default

**PASS/FAIL = PASS**

Screenshot

A screenshot of a login page

Description automatically generated

**Scenario 6: Password can be displayed**

Given that the user is on the login screen

When the valid email is provided

And the valid password is provided

And the password is hidden by default

And the user clicks on the eye icon inside the field

Then the password can be toggled visible

**NOTE**: The Eye icon should be toggled visible and toggle back to hide the password.

**PASS/FAIL = PASS**

Screenshot

A screenshot of a login page

Description automatically generated

**Scenario 7: Valid Email and empty password input component**

Given that the user is on the login screen

When the valid email is provided

And the password is not provided

Then the login button is disable

**PASS/FAIL = PASS**

Screenshot A screenshot of a login page

Description automatically generated

**Scenario 8: Empty Email and valid password input component**

Given that the user is on the login screen

When the email is not provided

And the password is provided

Then the login button is disabled

**PASS/FAIL = PASS**

Screenshot

A screenshot of a login page

Description automatically generated

**NOTE**: This is mainly focused on login form. Forgot password link and Remember me toggle/checkbox are not tested as they are yet to be implemented as per the acceptance criteria.