

Manual Test Documentation for Login Page assignment

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Overview of the Manual Testing Process

This document outlines the process to perform manual testing on a login page. It covers testing valid and invalid login attempts, and includes logging the results in a Test Execution Report. The process ensures that the functionality is robust and that appropriate documentation exists for reference and compliance.

Example Test Cases

Test Case 1: Valid Login Attempt

Test Case ID: TC-LOGIN-001

Test Objective: Verify that a user can log in with valid credentials.

Preconditions:

A valid user account exists (e.g., username, password).

User is on the login page in a logged-out state.

Test Steps and Expected Results:

1. Action: Launch the application and navigate to the Login page.

Expected Result: The login page is displayed with fields for username/email and password.

2. Action: Enter valid credentials (e.g., username, strong password).

Expected Result: The input fields accept the text without error.

3. Action: Click the 'Login' button.

Expected Result: The system authenticates the user and redirects to the dashboard or homepage.

4. Action: Verify the user's state post-login.

Expected Result: The user sees a personalized dashboard or welcome message indicating a successful login.

Expected Outcome: The user is successfully logged in and directed to the respective home or dashboard page.

Pass/Fail Criteria: Pass if the dashboard loads with no errors. Fail if an error message is displayed or if the login fails.

Sample Actual Results:

-Actual: User redirected to the main dashboard with a 'Welcome, testuser!' message.

-Status: Pass

Test Case 2: Invalid Login Attempt

Test Case ID: TC-LOGIN-002

Test Objective: Verify that the system prevents login with invalid credentials.

Preconditions:

There is no user corresponding to the invalid credentials, or the password is intentionally incorrect.

-User is on the login page in a logged-out state.

Test Steps and Expected Results:

1. Action: Launch the application and navigate to the Login page.

Expected Result: The login page is displayed with fields for username/email and password.

2. Action: Enter invalid credentials (e.g., testuser, WrongPass99).

Expected Result: The input fields accept the text without error.

3. Action: Click the 'Login' button.

Expected Result: The system displays an error message for invalid credentials and the user remains on the login page.

4. Action: Verify the user's state post-login.

Expected Result: The user is not logged in and stays on the login page.

Expected Outcome: The login attempt should fail; an error message like 'Invalid username or password' should be displayed.

Pass/Fail Criteria: Pass if access is blocked with the appropriate error message; Fail if access is granted or no error message is shown.

Sample Actual Results:

Actual: An error message 'Invalid username or password' was displayed and the user remained on the login page.

Status: Pass

Test Execution Report

The table below is the Test Execution Report:

Test Case ID	Title	Description	steps	Expected Result	Actual Result	Status	Comment
TC-LOGIN-001	Valid Login	Ensure user can log in with correct credentials	1. Navigate to Login page. 2. Enter test user + correct password. 3. Click "Login".	Login is successful ; user is redirected to dashboard.	User successfully logged in.	Pass	N/A
TC-LOGIN-002	Invalid Login	Ensure user cannot log in with incorrect credentials	1. Navigate to Login page. 2. Enter test user + Wrong password. 3. Click "Login"	Login is blocked; error message is displayed; user remains on the login screen.	"Invalid username or password" displayed; user remains on the login page.	The error message appeared as expected	N/A