# TEST PLAN FOR LOGIN PAGE

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# Introduction

# The login page is a critical component of the application, responsible for authenticating users and granting access to the system. This Test Plan explains the Steps required to perform all functionalities related to login page functions correctly and securely.

# Objective

# 2.1 The objective of the login test plan is to thoroughly validate the authentication process of the application to ensure its reliability, security, and usability.

# Scope

# This Test Plan covers testing for the login page features mentioned below:-

# User Authentication

# Error Handling

# User Experience

# Security Measures (Password Encryption)

# Test Environment

# Testing will be done in the staging environment, mimicking the production setup.

# Supported Browsers:- Chrome, Edge, Firefox

# Test Cases

# Valid user credentials allows user to access the system.

|  |  |
| --- | --- |
| Test ID | 5.1 |
| Test Title | Verify valid user credentials allows user to get logged in. |
| Author | Vasu Bagga |
| Test Objective | This test case verifies that user can login with valid credentials or not. |
| Topology | NA |
| Configuration | NA |
| Test Type | Feature Functionality |
| Pass Criteria | User should be logged in successfully and redirected to the dashboard. |
| Procedure | 1. Open the Practice Page URL:- -> https://practicetestautomation.com/practice/  2. Now navigate to “Test Login Page” button and click on it.  3. Enter valid username and password.  4. Click on the "Login" button. |
| GUI Test | Yes |
| Priority | High |
| Product | NA |
| Tools | NA |
| Automation | Yes |
| Result: | Mark Test Case as pass If user can Login using the valid credentials. |
| Comments: - | NA |

# Verify the error message when an invalid username is entered

|  |  |
| --- | --- |
| Test ID | 5.2 |
| Test Title | Verify the error message when an invalid username is entered. |
| Author | Vasu Bagga |
| Test Objective | This test case verifies that user is not able to login when invalid username is entered. |
| Topology | NA |
| Configuration | NA |
| Test Type | Feature Functionality |
| Pass Criteria | An error message should be displayed as “Your username is invalid!”. |
| Procedure | 1. Open the Practice Page URL:- -> https://practicetestautomation.com/practice/  2. Now navigate to “Test Login Page” button and click on it.  3. Enter invalid username.  4. Click on the "Login" button. |
| GUI Test | Yes |
| Priority | High |
| Product | NA |
| Tools | NA |
| Automation | Yes |
| Result: | Mark Test Case as pass If user is not able to login when invalid username is entered. |
| Comments: - | NA |

# Verify the error message when an invalid password is entered

|  |  |
| --- | --- |
| Test ID | 5.3 |
| Test Title | Verify the error message when an invalid password is entered. |
| Author | Vasu Bagga |
| Test Objective | This test case verifies that user is not able to login when invalid password is entered. |
| Topology | NA |
| Configuration | NA |
| Test Type | Feature Functionality |
| Pass Criteria | An error message should be displayed as “Your password is invalid!”. |
| Procedure | 1. Open the Practice Page URL:- -> https://practicetestautomation.com/practice/  2. Now navigate to “Test Login Page” button and click on it.  3. Enter invalid password.  4. Click on the "Login" button. |
| GUI Test | Yes |
| Priority | High |
| Product | NA |
| Tools | NA |
| Automation | Yes |
| Result: | Mark Test Case as pass If user is not able to login when invalid password is entered. |
| Comments: - | NA |