Link\_>[**Invalid Login Test Case**](https://github.com/SanjayMohan95/saucedemo-tests/blob/main/tests/invalidLogin.spec.ts)

**Specific Scenario Being Tested**:

This test case focuses on validating the user login functionality when invalid credentials are provided. It aims to confirm that the system correctly handles unauthorised access attempts by displaying appropriate error messages and preventing the user from logging in.

**Reason for Automation**:

Automating the invalid login scenario is essential for ensuring that security measures are effectively enforced on the website. Since login functionality is a critical component of user authentication, frequent changes or updates to the system necessitate regular testing of this feature. Automating this test allows for consistent and quick verification of error handling across multiple scenarios (e.g., incorrect usernames, incorrect passwords), helping to identify potential vulnerabilities and ensure a robust user experience. Furthermore, automating such repetitive tasks helps maintain testing efficiency while minimising human error.

**Expected Outcomes**:

Upon executing this test case, the following outcomes are anticipated:

• The user should be unable to log in with invalid credentials.

• The system should display an appropriate error message indicating the login failure due to an incorrect username or password.

**Test Steps**:

1. Navigate to the login page of the Saucedemo website.

2. Enter an invalid username.

3. Enter an invalid password.

4. Click on the login button.

5. Verify that the error message is displayed, stating that the username and password do not match any user in the service.

Expected Result:

