

## Test Suite: Login Functionality

**Description:** This test suite verifies the user authentication functionality on the website.

**Objective:** Ensure the system correctly handles valid and invalid login credentials.

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### Test Cases in Test Suite:

#### 1. Valid Login

- Enter correct username and password
- Expected Result: User successfully logs into the system

#### 2. Invalid Password

- Correct username, but incorrect password
- Expected Result: Error message "Invalid password"

#### 3. Invalid Username

- Incorrect username, correct password
- Expected Result: Error message "User not found"

#### 4. Empty Fields

- Click "Login" without entering data
- Expected Result: Validation messages for input fields

#### 5. SQL Injection Attempt

- Enter "' OR '1'='1'" as a username
- Expected Result: System blocks login and displays an error

#### 6. Password Masking

- Verify that the password field hides entered characters
- Expected Result: Characters are displayed as ●●●●

#### 7. Remember Me Option

- Log in with the "Remember Me" checkbox selected
- Expected Result: User remains logged in after restarting the browser

#### **8. Login with Locked Account**

- Attempt to log in with a locked account
- Expected Result: Error message "Account is locked"