### **Test Case Requirements**:

1. **Login with Valid Credentials**:
   * **Objective**: To verify that a user can successfully log in with correct username and password.
   * **Preconditions**: User has a valid account on the OrangeHRM platform.
   * **Steps**:
     1. Go to [**https://opensource-demo.orangehrmlive.com/web/index.php/auth/login**](https://opensource-demo.orangehrmlive.com/web/index.php/auth/login).
     2. Enter valid **username** (e.g., Admin).
     3. Enter valid **password** (e.g., admin123).
     4. Click the **Login** button.
   * **Expected Result**: User is logged in and redirected to the dashboard.
   * **Pass Criteria**: Login is successful and the homepage is displayed.
2. **Login with Invalid Credentials (Incorrect Username)**:
   * **Objective**: To verify that the system doesn’t allow login with an incorrect username.
   * **Preconditions**: User is on the login page.
   * **Steps**:
     1. Go to [**https://opensource-demo.orangehrmlive.com/web/index.php/auth/login**](https://opensource-demo.orangehrmlive.com/web/index.php/auth/login).
     2. Enter **incorrect username** (e.g., FakeUser).
     3. Enter the correct **password** (admin123).
     4. Click the **Login** button.
   * **Expected Result**: The system displays an error message: **Invalid credentials**.
   * **Pass Criteria**: Error message is shown, and login is denied.
3. **Login with Invalid Credentials (Incorrect Password)**:
   * **Objective**: To ensure that login fails with an incorrect password.
   * **Preconditions**: User is on the login page.
   * **Steps**:
     1. Go to [**https://opensource-demo.orangehrmlive.com/web/index.php/auth/login**](https://opensource-demo.orangehrmlive.com/web/index.php/auth/login).
     2. Enter **valid username** (Admin).
     3. Enter **incorrect password** (wrongpassword).
     4. Click the **Login** button.
   * **Expected Result**: The system shows an error message: **Invalid credentials**.
   * **Pass Criteria**: Error message is displayed, and login is not allowed.
4. **Login with Empty Username**:
   * **Objective**: To verify that the system doesn’t allow login when the username is empty.
   * **Preconditions**: User is on the login page.
   * **Steps**:
     1. Go to [**https://opensource-demo.orangehrmlive.com/web/index.php/auth/login**](https://opensource-demo.orangehrmlive.com/web/index.php/auth/login).
     2. Leave the **username field empty**.
     3. Enter **password** (admin123).
     4. Click the **Login** button.
   * **Expected Result**: The system shows a message asking for the **username** to be entered.
   * **Pass Criteria**: Login is blocked, and a message is shown to fill in the username.
5. **Login with Empty Password**:
   * **Objective**: To verify that the system doesn’t allow login when the password field is empty.
   * **Preconditions**: User is on the login page.
   * **Steps**:
     1. Go to [**https://opensource-demo.orangehrmlive.com/web/index.php/auth/login**](https://opensource-demo.orangehrmlive.com/web/index.php/auth/login).
     2. Enter **username** (Admin).
     3. Leave **password field empty**.
     4. Click the **Login** button.
   * **Expected Result**: The system shows a message asking for the **password** to be entered.
   * **Pass Criteria**: Login is blocked, and a message is shown to fill in the password.
6. **SQL Injection Test for Login**:
   * **Objective**: To verify that the login form is secure and does not allow SQL injection.
   * **Preconditions**: User is on the login page.
   * **Steps**:
     1. Go to [**https://opensource-demo.orangehrmlive.com/web/index.php/auth/login**](https://opensource-demo.orangehrmlive.com/web/index.php/auth/login).
     2. In the **username field**, enter the string ' OR 1=1 --.
     3. Enter any value in the **password field** (e.g., admin123).
     4. Click the **Login** button.
   * **Expected Result**: The login attempt should fail, and the system should not allow unauthorized access.
   * **Pass Criteria**: The system does not log the user in, and SQL injection is prevented.