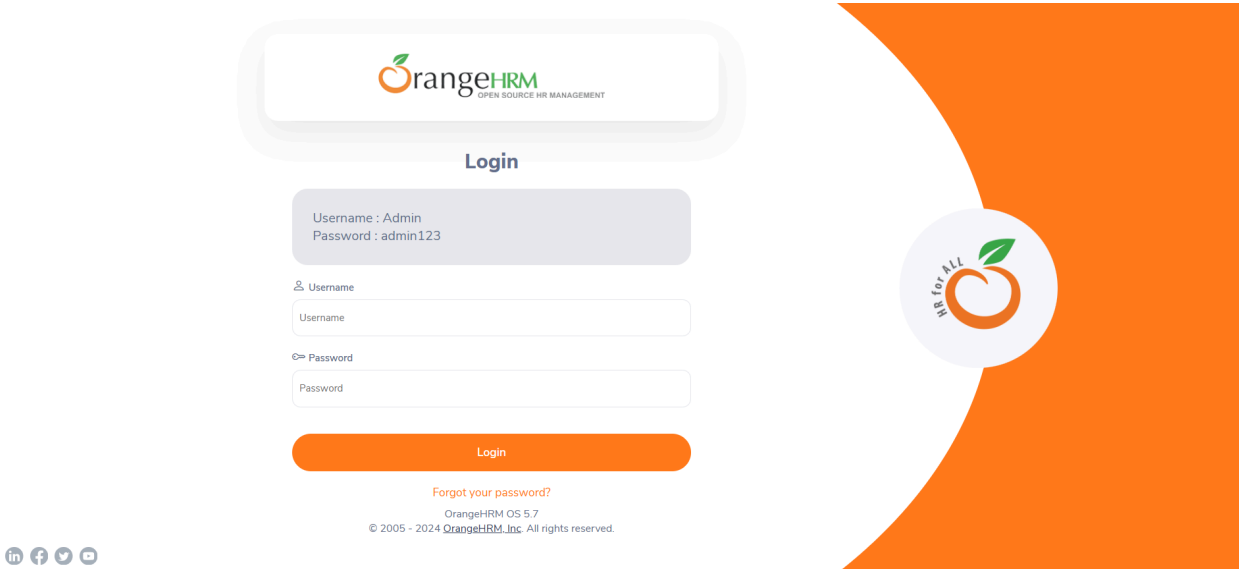


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Testing OrangeHRM Website with Robot Framework

I will focus on the **Login Screen** of the OrangeHRM application. This screen is critical as it is the gateway for users to access the application.



Test Case 1: Login with Valid Credentials

Objective: Verify that the user can successfully log in with valid credentials and access the dashboard.

Test Steps:

1. Open the OrangeHRM login page.
2. Enter a valid username (**Admin**).
3. Enter a valid password (**admin123**).
4. Click the Login button.
5. Wait for the dashboard to load and verify that it is displayed.
6. Capture a screenshot of the dashboard.

Test Case 2: Login with Invalid Credentials

Objective: Verify that the user cannot log in with invalid credentials and that an appropriate error message is displayed.

Test Steps:

1. Open the OrangeHRM login page.
2. Enter an invalid username (**InvalidUser**).
3. Enter an invalid password (**InvalidPass**).
4. Click the Login button.
5. Wait for the error message to display and verify it.
6. Capture a screenshot of the error message.

Test Scripts

```
*** Settings ***

Library      SeleniumLibrary

*** Variables ***

${URL}
https://opensource-demo.orangehrmlive.com/web/index.php/auth/login

${BROWSER}      Chrome

${VALID_USERNAME}  Admin

${VALID_PASSWORD}  admin123

${INVALID_USERNAME}  InvalidUser

${INVALID_PASSWORD}  InvalidPass

*** Test Cases ***

Login With Valid Credentials

    [Documentation]  Verify that the user can log in with valid
credentials and access the dashboard.

    Open Browser      ${URL}      ${BROWSER}
```

Maximize Browser Window

Wait Until Element Is Visible css=input[name='username'] 30s

Input Username \${VALID_USERNAME}

Input Password \${VALID_PASSWORD}

Click Login Button

Sleep 5s

Capture Page Screenshot

Wait Until Page Contains Element xpath://span[text()='Dashboard']
40s

Verify Dashboard Is Displayed

Close Browser

Login With Invalid Credentials

[Documentation] Verify that the user cannot log in with invalid credentials and that an error message is displayed.

Open Browser \${URL} \${BROWSER}

Maximize Browser Window

Wait Until Element Is Visible css=input[name='username'] 30s

Input Username \${INVALID_USERNAME}

Input Password \${INVALID_PASSWORD}

Click Login Button

Sleep 5s

Capture Page Screenshot

Verify Error Message Is Displayed

Close Browser

*** Keywords ***

Input Username

[Arguments] \${username}

Input Text css=input[name='username'] \${username}

Input Password

[Arguments] \${password}

Input Text css=input[name='password'] \${password}

Click Login Button

Click Button xpath=//button[@type='submit']

Verify Dashboard Is Displayed

Page Should Contain Element xpath://span[text()='Dashboard']

Log Dashboard is displayed, login successful.

Verify Error Message Is Displayed

[Documentation] Checks if the error message is displayed after an invalid login attempt.

Wait Until Element Is Visible xpath=//p[contains(@class, 'oxd-alert-content-text')] 10s

```
Element Should Be Visible      xpath=//p[contains(@class,
'oxd-alert-content-text')]

Log      Error message displayed as expected for invalid login.
```

Test Result

The image displays two screenshots of the OrangeHRM application. The top screenshot shows the dashboard interface, and the bottom screenshot shows the login page.

Dashboard Screenshot:

- Header:** OrangeHRM logo, Dashboard title, Upgrade button, and user profile (First Name Last Name).
- Left Sidebar:** Search, Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard (active), Directory, Maintenance, Claim, Buzz.
- Main Content Area:**
 - Time at Work:** Punched In (Oct 27th at 11:39 PM (GMT 5.5)), 0h 24m Today, This Week (Oct 28 - Nov 03).
 - My Actions:** (1) Pending Self Review, (1) Candidate to Interview.
 - Quick Launch:** Assign Leave, Leave List, Timesheets, Apply Leave, My Leave, My Timesheet.
 - Buzz Latest Posts:** First Name Middle Name Last Name, 2024-28-10 01:08 AM, WE HEAL THE EARTH.
 - Employees on Leave Today:** First Name Last Name, CAN - FMLA (Half Day - Morning), EmployeeID.
 - Employee Distribution by Sub Unit:** Pie chart showing distribution.

Login Page Screenshot:

- Header:** OrangeHRM logo, OPEN SOURCE HR MANAGEMENT.
- Section:** Login.
- Message:** Invalid credentials.
- Form:** Username: Admin, Password: admin123.
- Fields:** Username, Password.
- Buttons:** Login, Forgot your password?
- Footer:** OrangeHRM OS 5.7.

```
PS C:\Users\zarnn\orange_robot_test> robot login_test.robot
=====
Login Test
=====
Login With Valid Credentials :: Verify that the user can log in wi...
DevTools listening on ws://127.0.0.1:55450/devtools/browser/446b7ea4-b0d9-416d-9d66-cc60142b5f06

Login With Valid Credentials :: Verify that the user can log in wi... | PASS |
-----
Login With Invalid Credentials :: Verify that the user cannot log ...
DevTools listening on ws://127.0.0.1:55471/devtools/browser/39efdc43-9c5a-4631-875c-61ba218d5055

cannot log ... | PLogin With Invalid Credentials :: Verify that the user
ASS |
-----
Login Test | PASS |
Login Test | PASS |
2 tests, 2 passed, 0 failed
2 tests, 2 passed, 0 failed
=====
=====
Output: C:\Users\zarnn\orange_robot_test\output.xml
Output: C:\Users\zarnn\orange_robot_test\output.xml
Report: C:\Users\zarnn\orange_robot_test\report.html
```