

Login Functionality Test Script – OrangeHRM

Manual Test Script

Test Case Title: Verify successful login with valid credential.

Test Objective: To confirm that a user can log in using correct username and password.

Preconditions: -

- User is on the OrangeHRM login page
- Valid credentials are available (e.g., Admin / admin123)

(*) Test Steps:

1. Open a web browser and go to: <https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>
2. Enter `Admin` in the Username field
3. Enter `admin123` in the Password field
4. Click the Login button
5. Observe the redirection

Expected Result: -

- User should be redirected to the Dashboard page
- The dashboard should display the user's profile icon.

Automated Test Script (Java + Selenium)

This script uses Java, Selenium WebDriver, and Chrome.

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class OrangeHRMLoginAutomation {
    public static void main(String[] args) {

        WebDriver driver = new ChromeDriver();
```

```
driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
```

```
// Step 2: Enter username
```

```
WebElement username = driver.findElement(By.name("username"));  
username.sendKeys("Admin");
```

```
// Step 3: Enter password
```

```
WebElement password = driver.findElement(By.name("password"));  
password.sendKeys("admin123");
```

```
// Step 4: Click Login
```

```
WebElement loginButton =  
driver.findElement(By.xpath("//button[@type='submit']"));  
loginButton.click();
```

```
// Step 5: Wait and validate if login is successful
```

```
try {  
    Thread.sleep(3000);  
    String currentUrl = driver.getCurrentUrl();  
    if (currentUrl.contains("/dashboard")) {  
        System.out.println(" Login Test Passed");  
    } else {  
        System.out.println("Login Test Failed" + currentUrl);  
    }  
}
```

```
} catch (Exception e) {  
    System.out.println(" Error during test execution");  
} finally {
```

```
// Step 6: Close the browser
```

```
driver.quit();
```

```
}
```

```
}
```

```
}
```