# Star Agile Capstone project

**Project name** : Project – Human Resource Management(Automation)

**Project Done By** : Mallika (mallikakpsgvc@gmail.com)

**Date**: 6th November 2024

**Modules In Scope for Automation Testing**

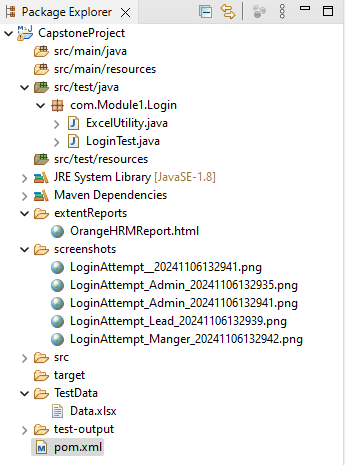
1. Login
2. 2.Admin

**Module 1.Login**

**Scenario1:** Automate Orange HRM login and logout with 5 different data set including valid and invalid data set.

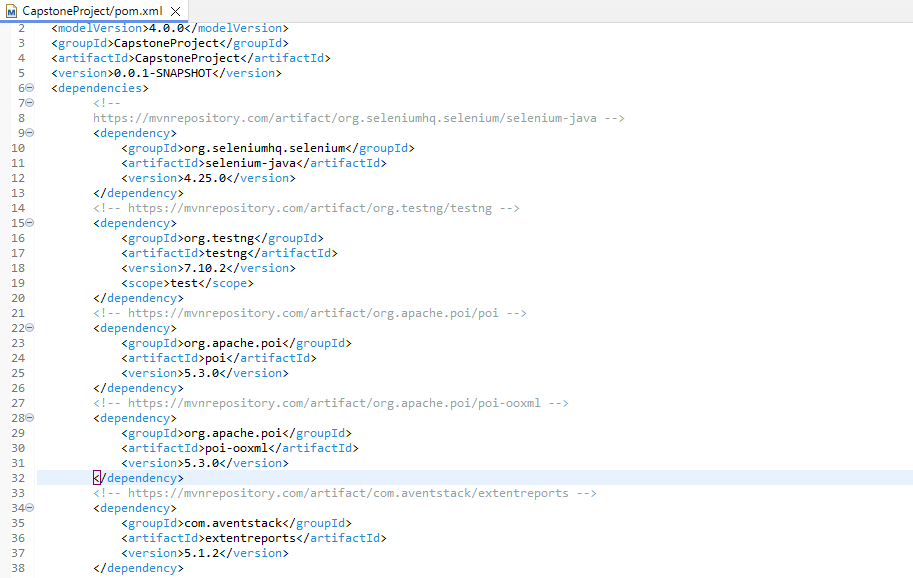
1. Save data set in Excel file.
2. Write a script to read data from excel.
3. Prepare script for Login and logout.
4. Perform assertion for valid data set (use Username: Admin and Password:admin123) test case should be pass and invalid data set (other than given data) test case should be fail.
5. Capture Screenshot for every login functionality.
6. Generate Extent Report for the same.

**Screen Shot -Project Explore**

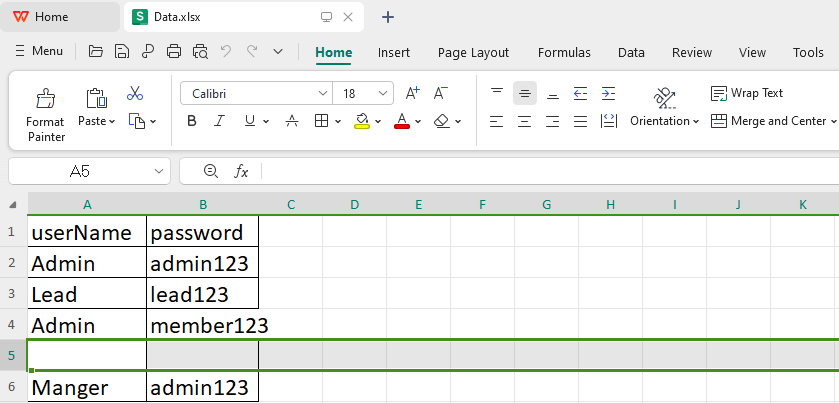


**Screen Shot -Pom.xml file:**

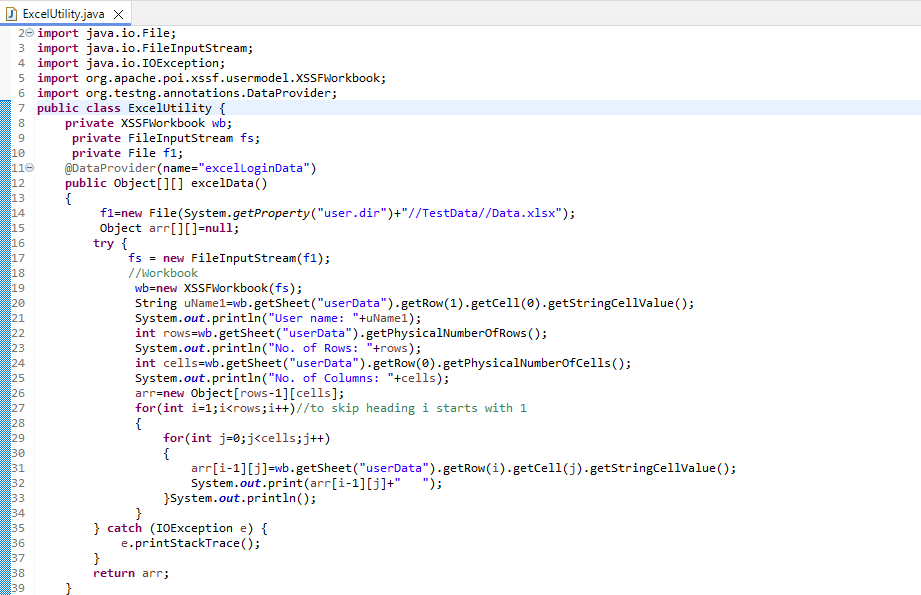
Added necessary dependencies(Selenium,Maven,TestNG, Apache poi and Extent Reports).

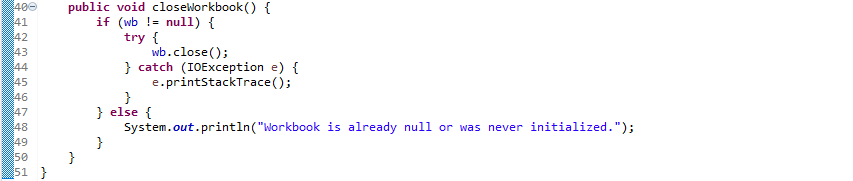


**Screen Shot: Excel File Data**



**Screen Shot- Excel Utility java class**





**Screen shot- LoginTest TestNg File**

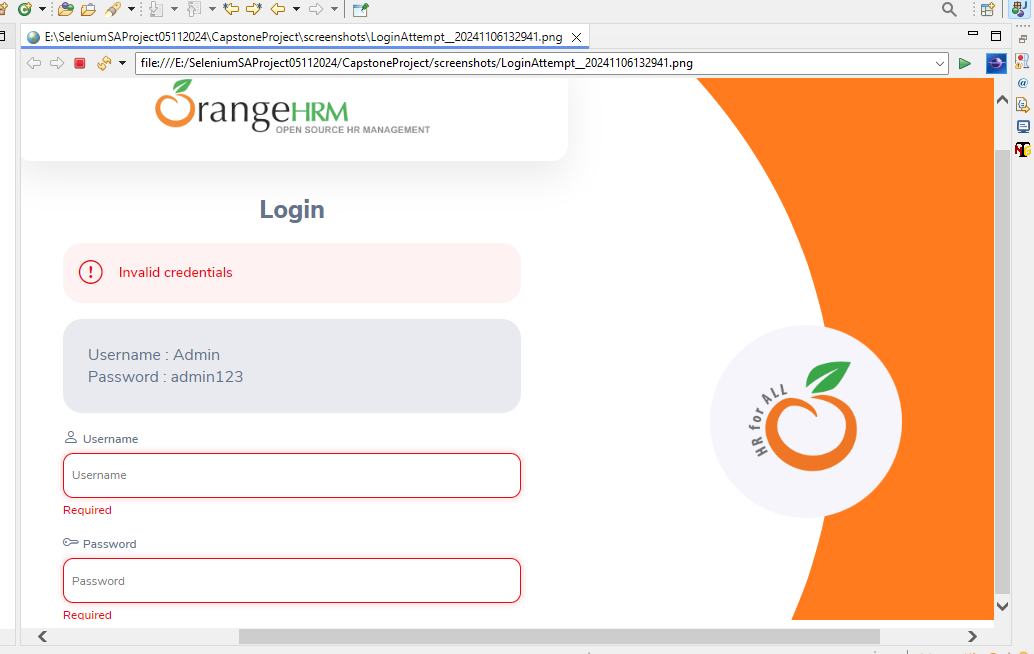




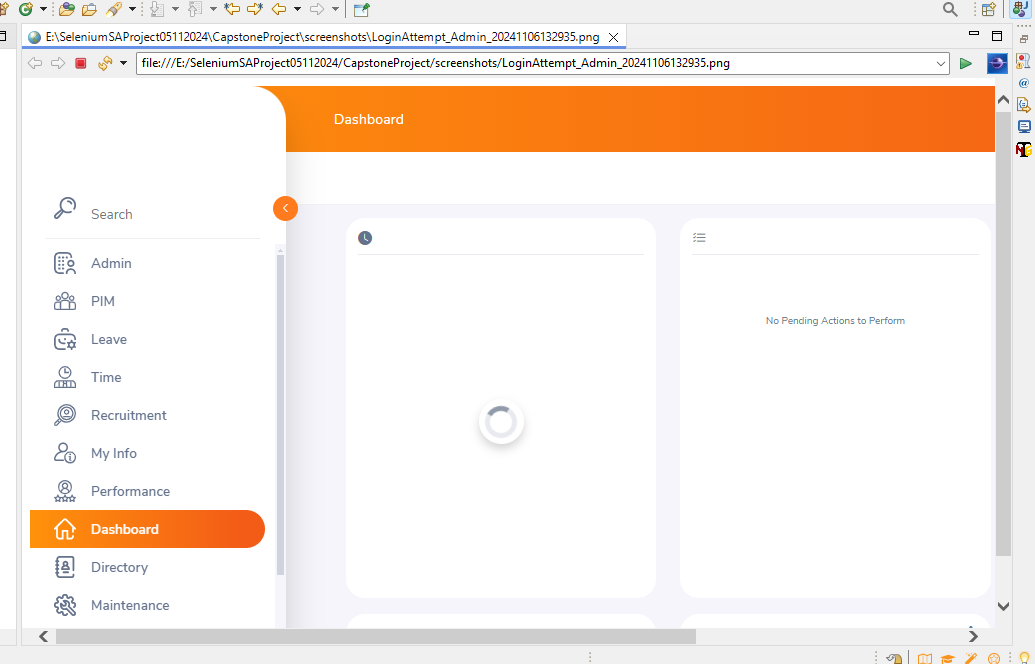


**Screen Shot- Captured Screenshot for every login functionality**

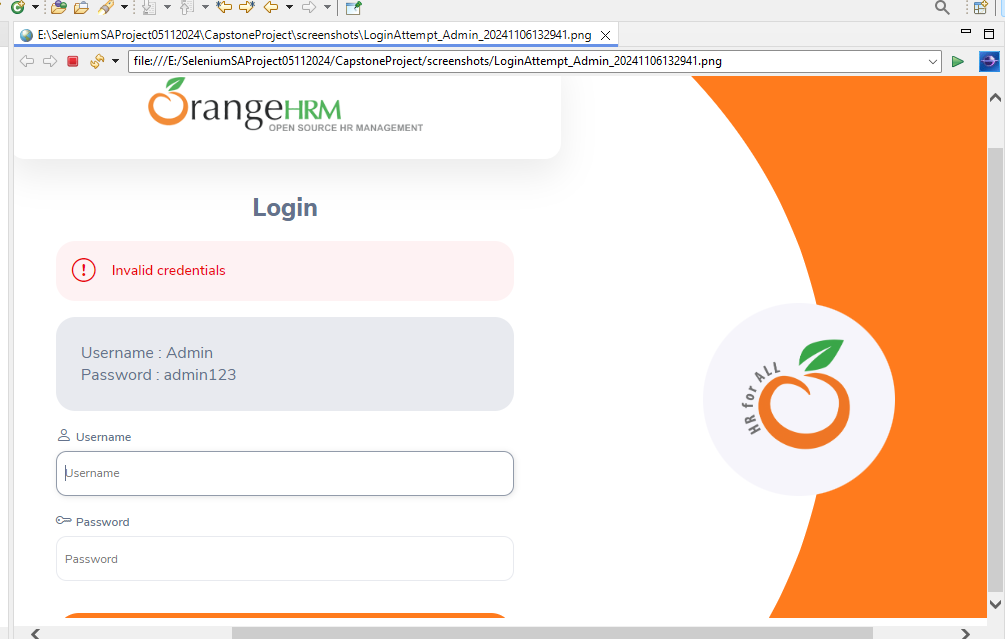
1. **Login with blank data**



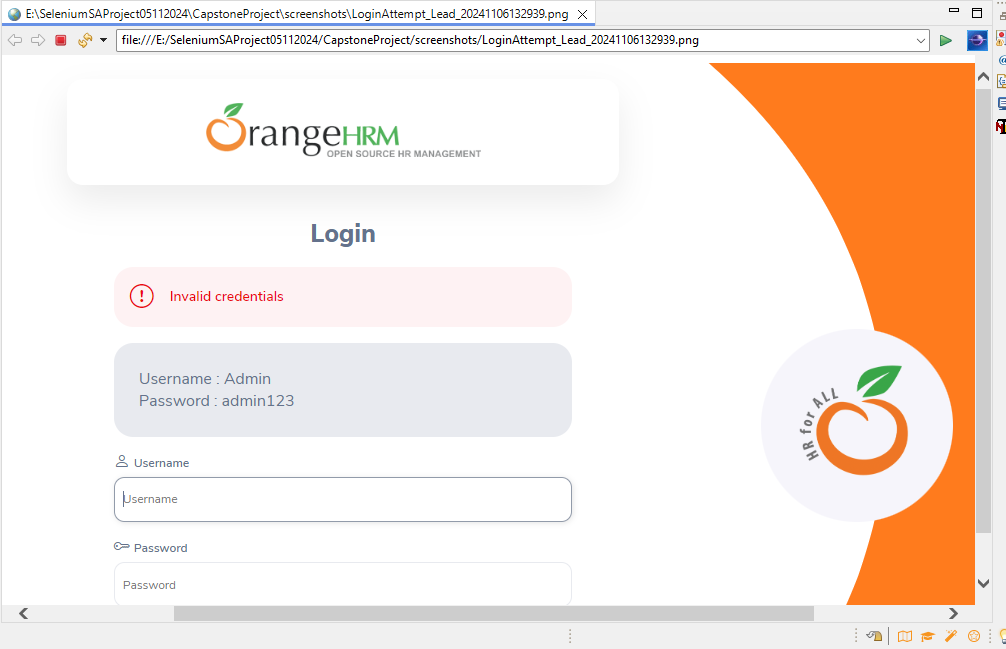
1. **Login with Valid User name and password(Username: Admin and password: admin123)**



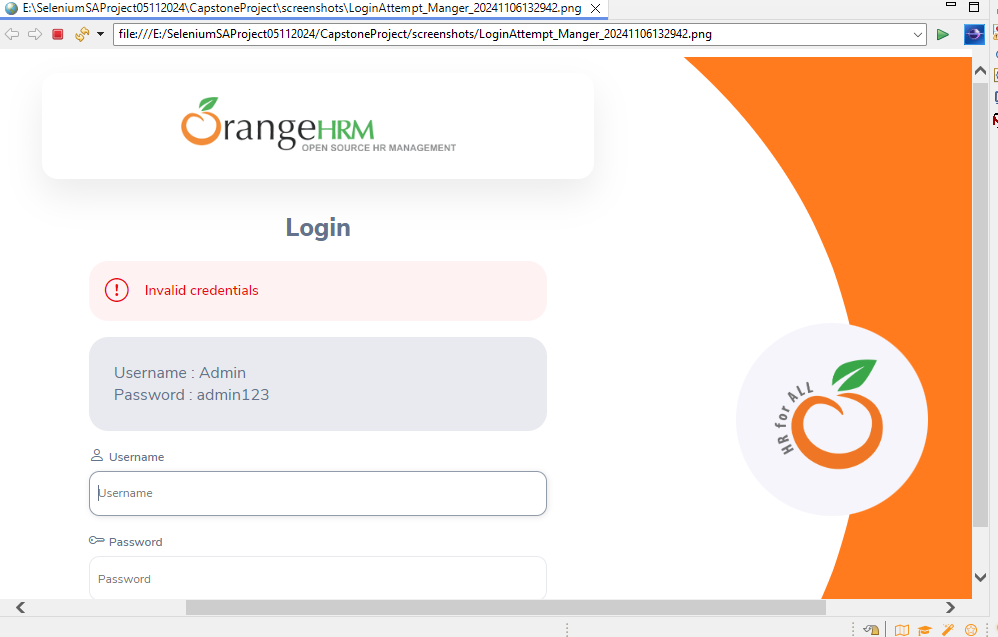
1. **Login with Invalid Credentials (Username: Admin and password:member123)**



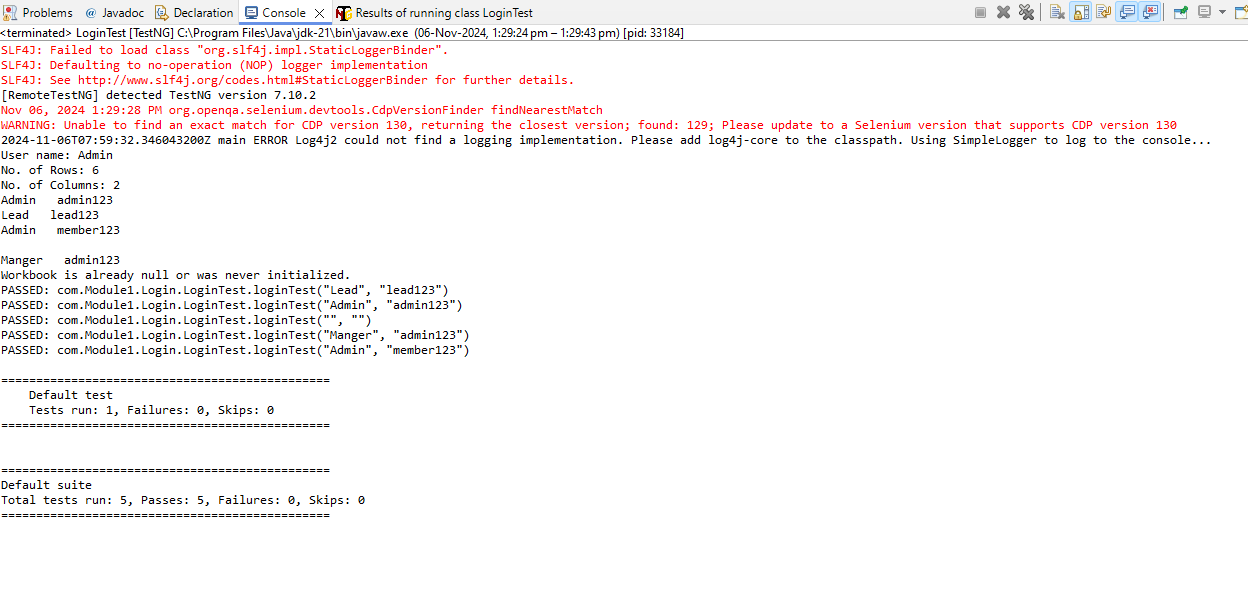
1. **Login with Invalid username and valid password(Username:Lead and Password: admin123)**



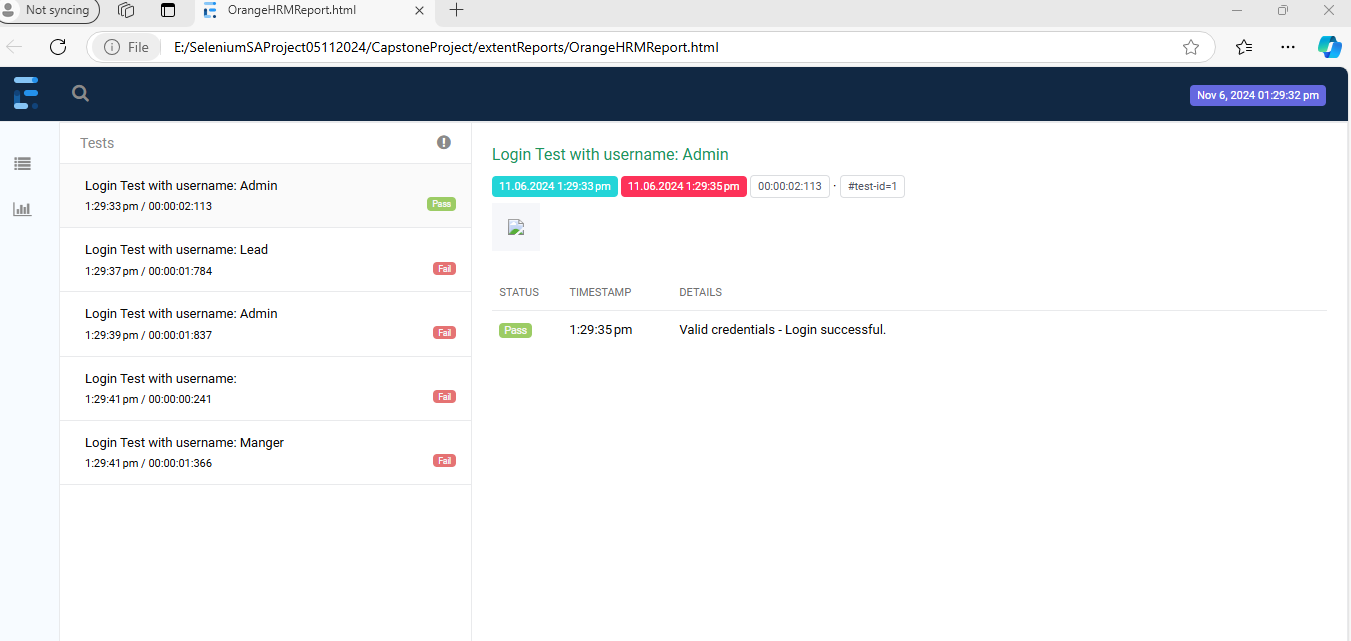
1. **Login with Invalid username and valid password(Username: Manger and password:admin123)**

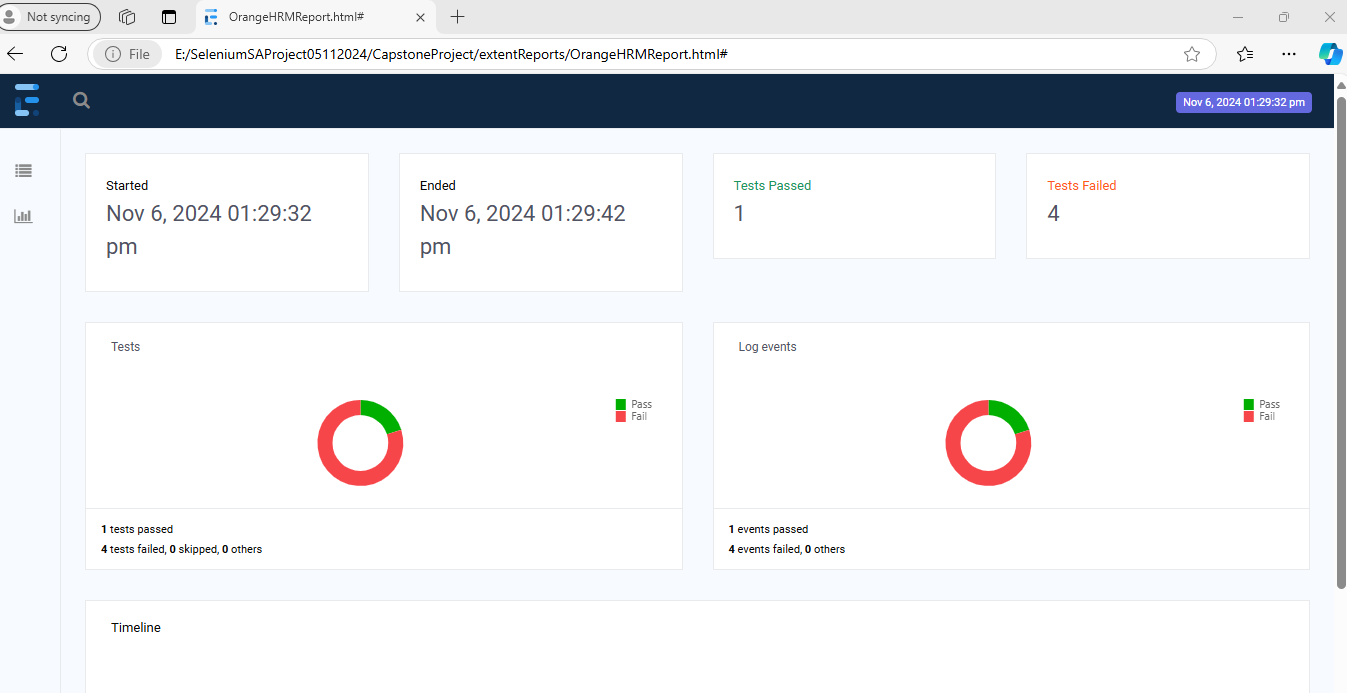


**Screen shot-Console Output:**



S**creen shot - Extent Reports**





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**Module-2**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*** **Module2**: Admin

**Scenario1**: Create a Page Object Model for two pages LoginPage and Admin Page and write automation script for Login functionality and Admin search feature Create a Page and Class for LoginPage and automate the functionality of OrangeHRM login for Valid Test Data: (username: Admin and Password: admin123).

**Test cases**:Create a Page and class for Admin where you can prepare 4 important

1. Create test case to get all 12 options from left side menu and print the count which should be 12 from that list click on Admin then Admin page get open.

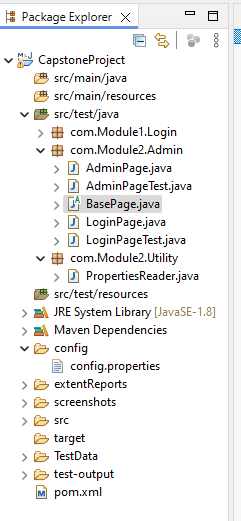
2. Create test case for search For Existing Employee searchByUserName() : here send username Admin to username text box and click on search button and display total record found and refresh page.

3. Create test case for search For Existing Employee searchByUserRole() : here automate dropdown and select Role Admin and click on search button and display total record found and refresh page.

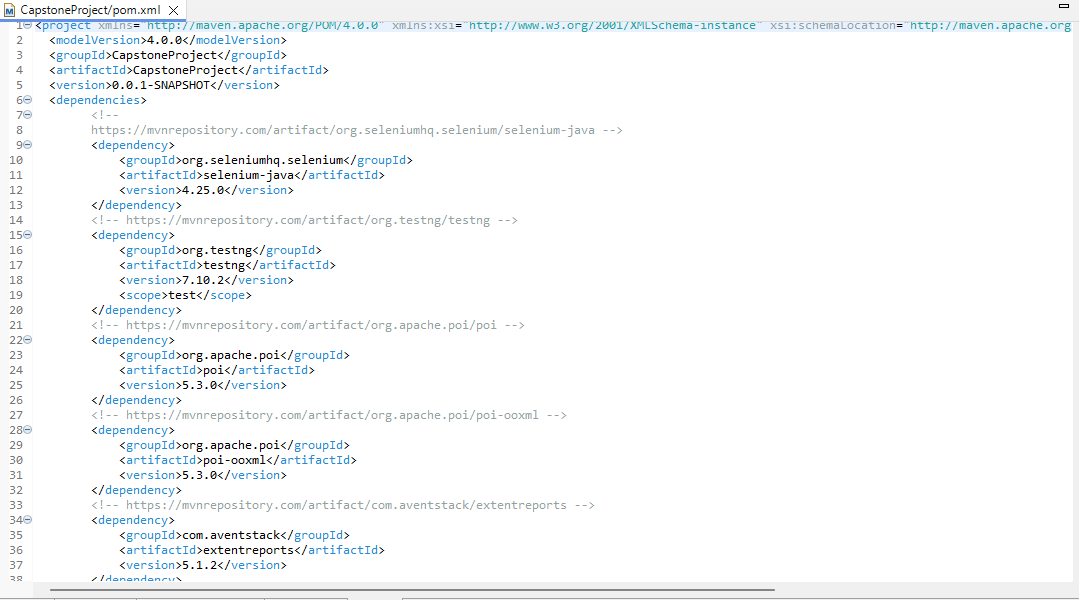
4. Create test case for search For Existing Employee searchByUserStatus() : here automate dropdown and select status Enabled or Disabled then click on search button and display total record found.

**Note**: In the Second scenario use Selenium +TestNG and Design Page Object Model where you can implement Object Oriented Principle.

**Screen Shot -Project Explore**



**Screen Shot -Pom.xml file:**



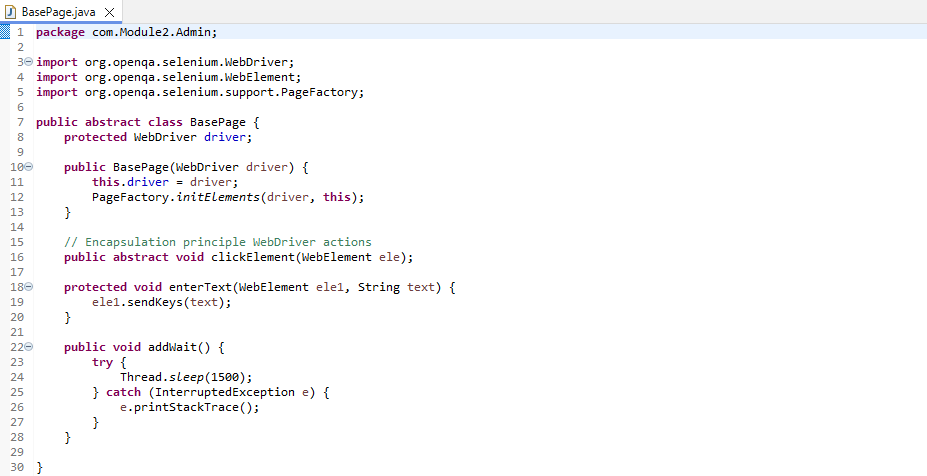
**Screen Shot -config properties file**



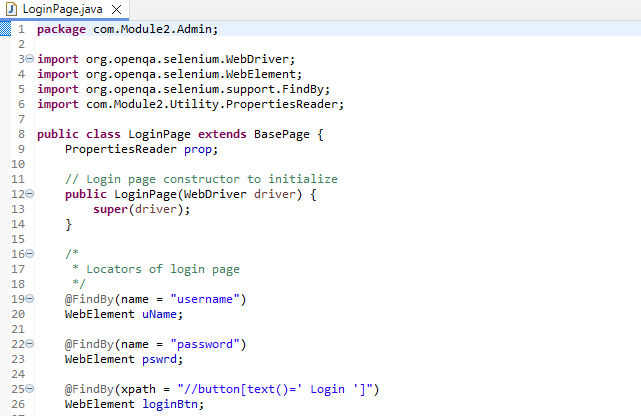
**Screen Shot -Properties reader class:**

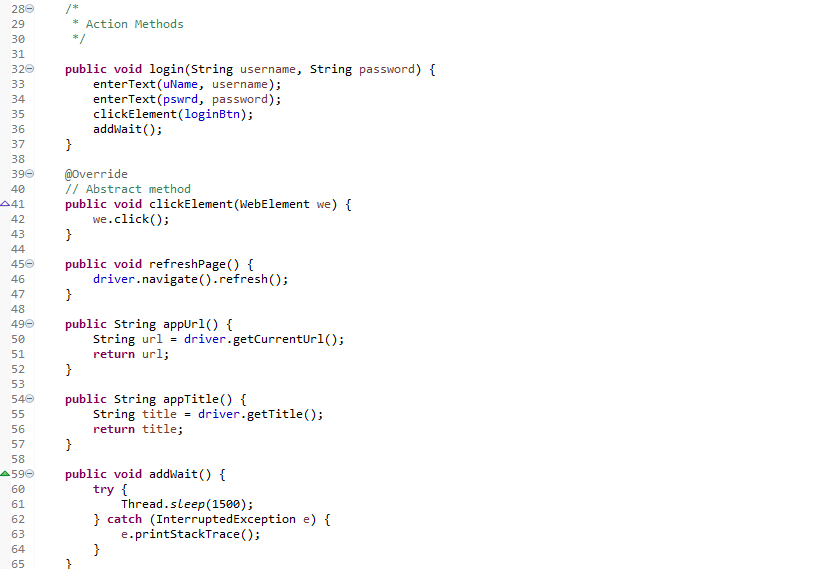


**Screen Shot -Base Page class:**

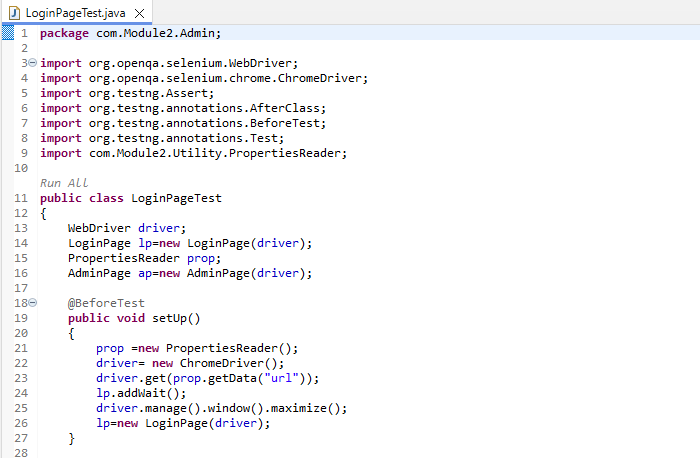


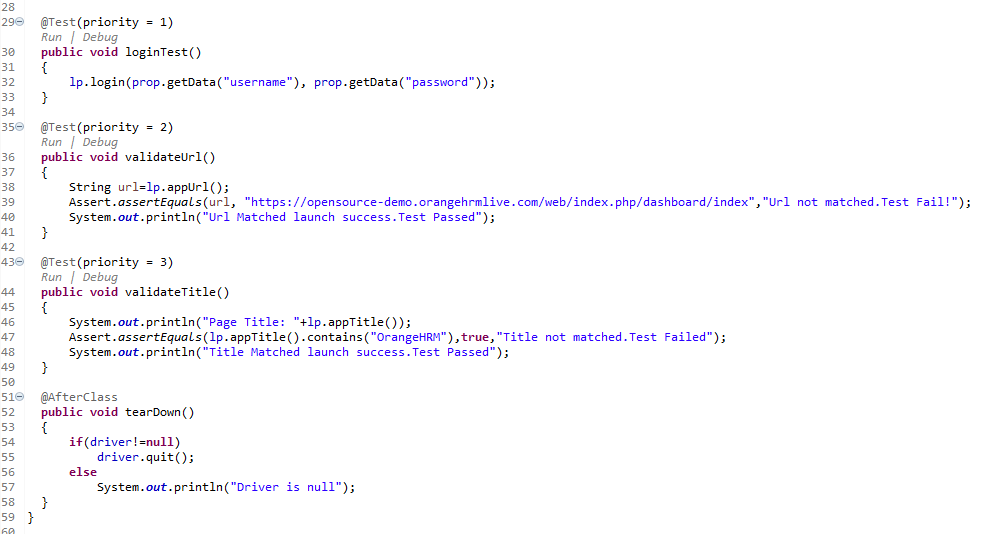
**Screen Shot -Login Page class for locators and action methods:**



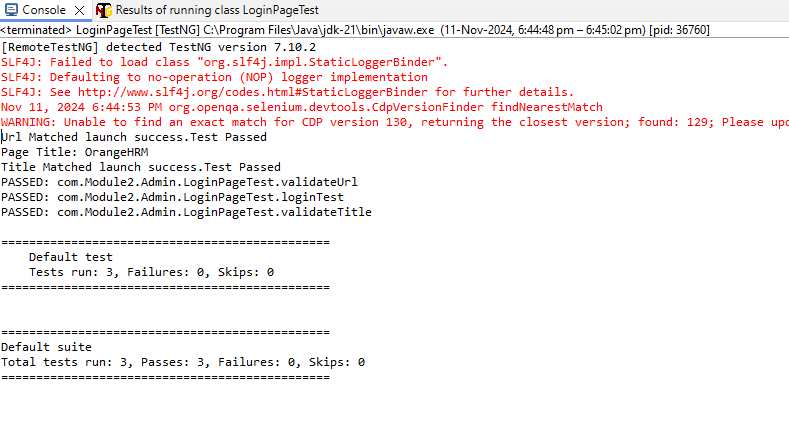


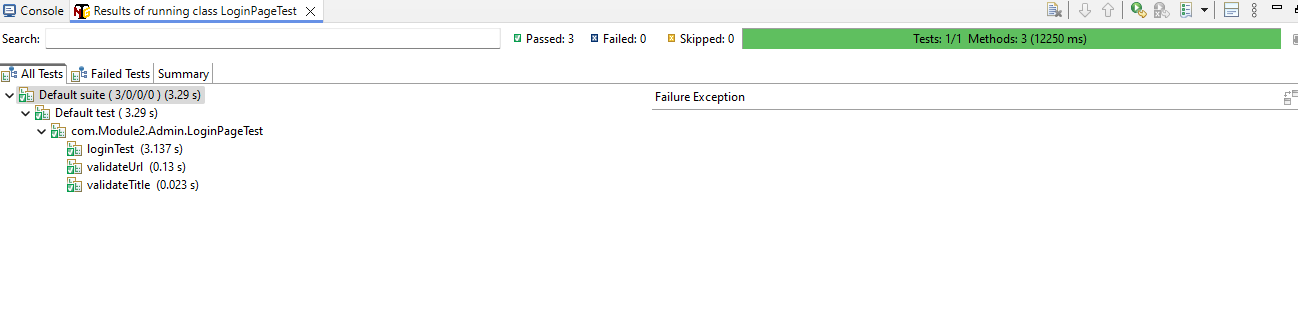
**Screen Shot -Login Page Test**





**Console Output:**



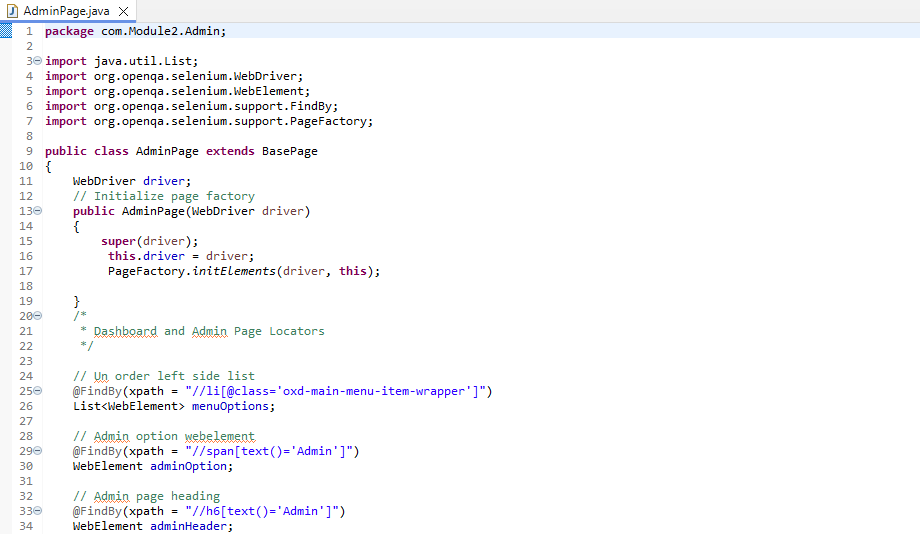


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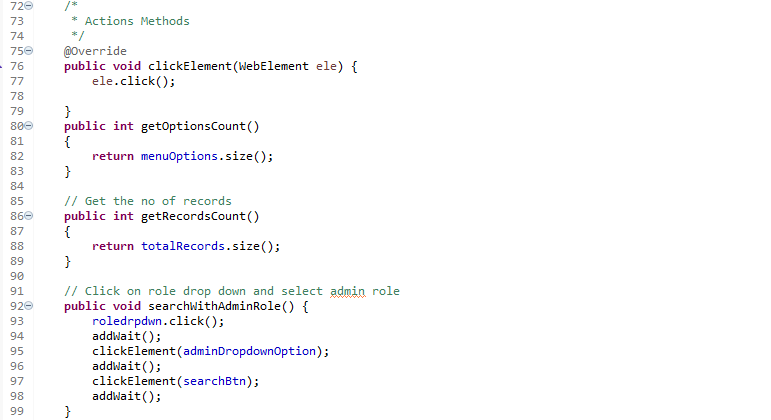
**Admin Page**

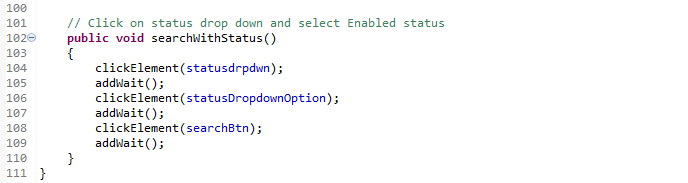
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**Screen Shot -Admin Page class(Locators and action methods)**

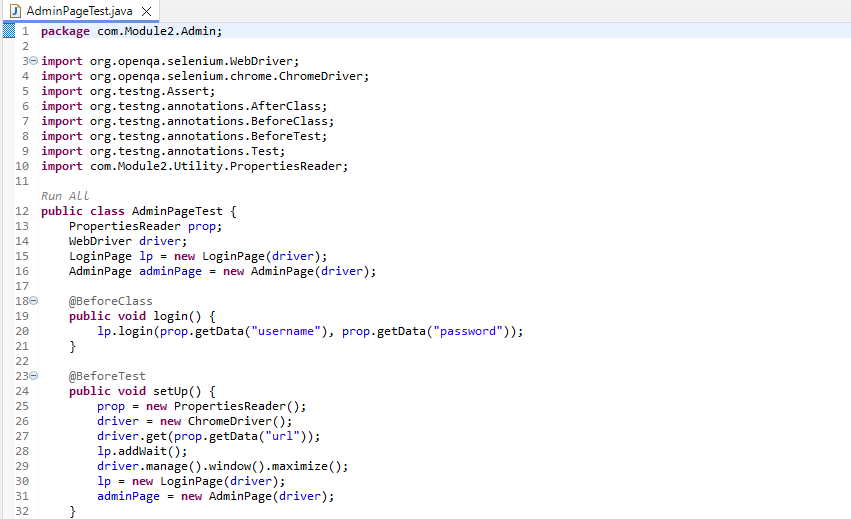




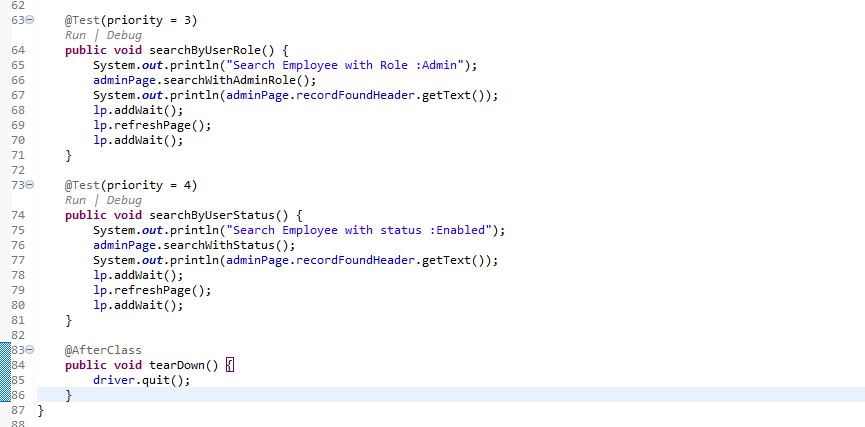




**Screen Shot -Admin Page Test**







**Screen Shot -Console output**

