Selenium Hybrid Framework

(Python, selenium, PyTest, Page Object Model, HTML Reports)

**Step 1: Create new Project & install Required Packages/plugins**

* Selenium : Selenium Libraries
* Pytest: Python UnitTest framework
* Pytest-html : PyTest HTML Reports
* Pytest-xdist : run tests parallel
* Openpyxl : MS Excel Support
* Allure-pytest : to generate allure reports

**Step 2 : CreateFolder Structure**

**Project Name**

|

pageObjects (Package)

|

Testcase (Package)

|

Utilities (Package)

|

TestData (Folder)

|

Configurations (Folder)

|

Logs (Folder)

|

Sreenshots (Folder)

|

Reports (Folder)

|

Run.bat

**Step 3 : Automating Login Test Case**

1. Create LoginPage Object Class under **“PageObjects”**
2. Create LoginTest under **“testCases”**
3. Create conftest.py under **“testCases”**

**Step 4 : Capture screenshot on failures**

1. Update Login Test with screenshot under **“testCases”**

**Step 5 : Read common values from ini file**

1. Add “config.ini” file in “Configuration” folder
2. Create “readProperties.py” utility file under utilities package to read common data.
3. Replace har coded values in login test case

**Step 6 : Adding logs to test case**

1. Add “customLogger.py” under “utilities” package.
2. Add logs to Login test case.

**Step 7 : Run Tests on desired Browser/cross Browser/Parallel**