Basic Configuration of files and folders

Config: Python package. Introduces reusability. Contains Config.ini file that has the base URL of the project.

Logs: Folder .Created to record the logs during the program execution. Records logs at various levels.

Screenshot: Folder. Save the Screenshot of the test case when a false assertion is raised or condition is not met.

Reports: Folder. Saves the html report of the tests.

Test data: Folder. Contains excel sheet for the DDT.

Page Objects: Python package. Whenever we visit a page .The python file is to be created to stores the locators of the elements within a page. Locators and element repo.

Utilities: Python package. Introduces reusability. Contain Excelutlis.py to read a excel file. CustomLogger to store a logs in the file etc.

Test cases: Python package. Where the test cases are stored. Conftest.py is a python file where we store or create a manipulation related to pytest. Pytest is a framework used .along with other python modules packages and selenium.

1) Testcontact.py has four methods i.e.: four test cases inside of it.

2) Testcontact\_data\_driven.py has 1 method where the data is passed from the excel sheet to the form and the testing is automated.

3) Conftest.py holds the pytest fixtures for running the test cases.

Dependencies:

Python:3.10

selenium:4.1.0

pytest:7.0.1

pytest-html:3.1.1

openpyxl:3.0.9

allure-pytest:2.9.45

Run the testcontact.py

pytest –v –s –html=Reports\report.html testcases\testcontact.py

Run the testcontact\_data\_driven.py

pytest –v –s –html=Report\report1.html testcases\testcontact\_data\_driven.py

Info: Currently the tests are not capturing log! Don’t know why tried Debugging didn’t work, however program throws no errors.

The last run report of the test will be on the Reports folder.