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.