**Checklist of what we expect from this assignment ?**

*  Completion of the assignment. – **Automated all the steps on Amazon site with a check on ‘About Item’ text, scripts locally on Chrome browser and Windows**
*  Test should run and pass in Chrome browser. --------**Amazon-flatfile.py runs on Chrome browser locally**
*  Platform independent. (It should run on Windows, Mac or linux) ------**Runs on Windows**
*  Better page layer management. ---------**Used Page Object Model**
*  Helper methods for page interactions like click, sendkeys. ------**Separated elements from actions performed on elements**
*  Readable and clean code. -------**Yes**
*  Clear instructions about the framework and how to execute in the readme file. -------------**Included POM structure and Run Instruction from terminal and PyCharm**
*  Commits history to see how you have approached the problem.--------**4 commits to show progress**
*  Following good design principles. -----**Page Object Model helped with this**

This is the initial commit, all the scripts are placed in a flat file to check the working from start to end.

Script opens Chrome Browser execute all the steps, checks for “About the Item” text and closes the browser.

I understand Java is a requirement but hope you will consider Python. This is where my experience is. Learning and implementing Java will have time constraints. That being said will pick up Java once we finalize the next steps.

Automation tool -Selenium

Webdriver- Chrome

IDE – PyCharm

Language -Python

**Immediate next steps to be fixed:**

Complete -1)make the Xpath Locators all through the scripts robust – removing indexes and making them reliable by adding attributes, texts etc

fixed-2)there is a bug in the script due to unreliable Xpath- Script intermittently checks LG box rather than Samsung.

Compete-3)Asserts

Complete-4)Check on expected page load

**Next steps:**

1)Use asserts liberally catching exceptions -Complete

2)Include Page Object Model - Status - Complete

3)Include Pytest framework to run tests- Status - incomplete –-could not fix this, I need more time to fix TestRunner file. After implementing POM driver is not being recognized in the Testrunner while I run the script -need to fix this to run the script locally

4)Dockerize- looking into it as this is the first time -----------Incomplete

5)Platform independent – looking into it-------Incomplete -can run on Windows, need more time to create a file to run the same steps on Mac and Linux

**TO RUN SCRIPT:**

**From terminal:**

Amazon.flatfile.py can be from terminal. Go to root.

Pythpn file path of Amazon.flatfile.py

**From PyCharm:**

**Open Pycharm -open project CBH-locate and open Amazonflatfile.py-------rt-clk click on Run option**

POM

Folder PATH listing

Volume serial number is 0AA4-23F6

C:.

| driver\_config.py

| output.doc

| \_\_init\_\_.py

|

|

+---SRC

| | \_\_init\_\_.py

| |

| +---PageObject

| | | \_\_init\_\_.py

| | |

| | +---Locators

| | | | Home.py

| | | | Sam\_About\_Item.py

| | | | Television.py

| | | | \_\_init\_\_.py

| | +---Pages

| | | | Home.py

| | | | Sam\_About\_Item.py

| | | | Television.py

| | | | \_\_init\_\_.py

| | | |

| | | |

| | |

|

+---Tests

| | \_\_init\_\_.py

| |

|

| +---Scripts

| | | Home.py

| | | Sam\_About\_Item.py

| | | Television.py

| | | Testcase\_extra.py

| | | \_\_init\_\_.py

| | |

| | |

| |

| +---TestSuites

| | TestRunner.py

| | \_\_init\_\_.py

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