Clark: Automation framework setup guide

Step 1: Install PyCharm IDE and install python and pip

Step 2: with the help of pip commands install below packages

selenium

behave

allure-behave

Syntax to install the package using pip “pip install selenium”

Step 3: Once the packages are installed, download allure command line from the below link

https://repo.maven.apache.org/maven2/io/qameta/allure/allure-commandline/

Step 4: Extract and place the command line folder in C drive and set the system path pointing to commandline’s bin folder

Step 5: Now unzip the Clark1 folder and open it in pycharm (Right click on folder and select the option “Open folder as pycharm community edition project”)

Step 6: To execute the feature file, please use the below command in the pycharm terminal to execute

```
behave -f allure_behave.formatter:AllureFormatter -o
%allure_result_folder% ./features
```

Step 7: Once the execution is completed, from the windows command line, execute the below command. For this please make sure to make your framework directory as the working directory and then run the command so that allure can pick up result files from %allure_result_folder%. This command execution will take you to the browser where the detailed report can be seen

```
allure serve %allure_result_folder%
```

About automation approach:

- I have used page object model along with python BDD framework behave (which is the clone of cucumber)
- Configuration file in the framework contains the most basic and needed details to get the script execution going

- Only explicit waits have been used while element identification and no static waits have been used
- Features folder contains the feature files along with the steps folder
    - Steps folder possesses all the step definition files where we call the page objects for each page