**SHEFFIELD AUTOMATION**

**Folder Structure**

In c drive, create a folder SheffieldAutomation and download all the files from git repo link mentioned in mail. Files to download from git,

1. chromedriver.exe
2. commons-io-2.8.0.jar
3. Sheffield\_Automation.jar
4. testng.xml

**Chromedriver**

https://chromedriver.chromium.org/downloads - This URL can be used to download the drivers for respective browsers, versions and place it in this extracted folder(C:\SheffieldAutomation).

**Execution Procedure**

Below is the URL of the Public repository, also the steps to be followed for execution.

* Download the zip file (SheffieldAutomation) and place it in c driver.
* Once the file is extracted, open the folder SheffieldAutomation and run the jar file(Sheffield\_Automation).
* The above jar file will execute both the test cases , with respect to the requirement given below,

Run Command : java –jar SheffieldAutomation.jar

**Requirements**

* Runnable through the command line
* One test that successfully scroll down to the footer of the page and check that this is displayed

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* One test that fails (on purpose!) using any credentials to login on the website as and will provide useful data for debug
* Written in Java/JavaScript/

**Automation Tool**

* Here I have used Selenium with java. I chose selenium because it is an open source framework and specially designed for web automation.
* Also I have used Javascript to scroll down to the bottom of the page to check if the element is visible.
* I have also made it as an maven dependent project in order to reduce the usage of external library files.
* And for the login page error, iam taking a screenshot using one of selenium inbuilt function takescreenshot and saving it in respective path.