**Pre-Requisite:**

* JDK 8 or above
* Maven 3.6.3
* Public internet to download maven dependencies (Or use proxies for secured servers to download dependencies)

**Software’s/approach used:**

* Build Management tool – Maven
* IDE for development (Eclipse)
* Framework – BDD(Cucumber)
* Bitbucket – for storing code into git hub repository
* Page Object Model (POM) approach for defining classes
* Utility class for defining common utility methods
* Property file and Feature files Examples for passing input data
* Created After hooks class to close driver instance after each scenario
* Updated JavaDoc comments for all methods
* Created 3 different scenarios in feature file but implementation done for only 1 scenario.
* Used ExtentCucumberAdapter addTestStepLog method to update logs in extent report.

**Dependencies added in pom file:**

* Selenium
* Bonigarcia webdriver manager (to get rid of drivers exe files)
* Io cucumber(java, jvm, junit, picocontainer, )
* Junit
* Aventstack – Extent report

**Steps to run test cases:**

* Download the project in your local folder
* There are 2 ways of running test cases.

1. Using maven command – Open command prompt from project path and run commands **mvn clean install –** this command will download all the maven dependencies

**mvn clean test –** this command will execute all the test cases based on the tags mentioned in test runner class.

1. Use any IDE (Eclipse or IntelliJ) – Import the project in IDE and then from test runner class, do right click and Run As 🡪 JUnit Test

* Once test execution is done, output report can be seen inside project target folder with name ExtentReport.html