BDD framework - Selenium with Cucumber & Junit

Document to Run the TESTs:

Environment SetUp:

1. Install Eclipse Oxygen from <http://www.eclipse.org/downloads/> (as per your system config.)
2. Once Installed, Run Eclipse and give it a workspace location as per your choice
3. Make sure you have JAVA (JDK) 7 or 8 installed in your system
4. Once launched Eclipse, go to HELP menu and click on Eclipse Market place
5. Type “Cucumber Eclipse Plugin” and click install
6. Install “GeckoDriver” from <https://github.com/mozilla/geckodriver/releases> (as per your system config.)

Importing the working folder:

1. Unzip the “Drewberry” folder
2. Import the folder to Eclipse by click on File from menu and click on “import” option
3. Click on “browse” and locate the unzipped “Drewberry” folder and click next
4. Click on the “Drewberry” folder on the left and click finish
5. You should see Project “Drewberry” on the left window pane under “Package Explorer”

Localizing the script:

1. Go to the file “pom.xml” and click on “pom.xml” tab on the bottom of the pane and press Ctrl+s (save)
2. Go to the Java class “commonDriver” under “baseUtils” package
3. Against “System.setProperty” amend the path of the “geckodriver” to your local path where gecko driver (.exe file) is located
4. Press Ctrl+Shift+S or go to file menu and click “Save all”

Now you are ready to run the test:

1. Rightclick on “testRunner” class under “testRunner” package and click on “Run as” followed by “2 Junit Test”
2. Wait for the test execution to complete

View Results:

1. Once the test execution is complete then rightclick on “Drewberry” project and click Refresh
2. Go to Target folder and click on “cucumber-pretty”
3. Rightclick on “index.html” file and click on open with “Web browser” to view the test results

NOTE:

1. This is just a basic framework for the sake of this TEST
   1. Page Object Model can be further incorporated
   2. More reusable methods can be created and code can be further enhanced
   3. Can also be run using TESTNG
   4. Reporting can be further developed and enhanced
2. There are only 2 set of sample test data on happy path(Valid test inputs).
   1. More test cases are required to achieve full test coverage for this functionality

If you need further demonstration then please don’t hesitate to get back to me and I will be happy to add more test cases and enhance the test scripts.