Assignment 02 – Test Automation

Selenium Exercise

Technologies/tools to be used for the exercises

1. Selenium Web driver (not RC)
2. Java (to script the test case)
3. Eclipse (as the IDE)
4. TestNG (to execute the test case) – This is a plug-in for eclipse
5. Firefox browser for the execution

You can use Selenium IDE for recording and playback. This is not what required in this exercise

Exercise need to be scripted using Java

Please read about the followings to get a better understanding

- Selenium
- What is automation, why it is required, advantages/disadvantages
- Regression/Smoke Testing
- How to write CSS paths manually to identify web projects
- How to write xpaths manually to identify web objects
- Advantages/disadvantages of CSS and xpath
- Key word driven/ data driven frameworks

Exercise:
1. Open Google website
2. Search for "GMAIL" website
3. Click on appropriate result
4. Go to https://www.gmail.com website
5. Enter Username/password
6. Click on Sign In button
7. Verify "Username" tab

Submit your answers

1. Java Code
2. TestNG results (html reports generated in output folder of eclipse)