Ideally we don’t start the automation phase before having all the information on hand. But for this case I felt any proper requirement analysis is not required, hence I started automation after performing an adhoc testing on the webpage. I have written the scripts on my assumption. Please excuse me if my understanding is wrong in any case.

Here are some of the points I would like to highlight

* Used selenium with python for this activity
* My Plan is to follow the unit test and page model approach
* Covered the basic registration workflows , couldn’t verify the account creation as I don’t have the required access and infra
* Covered the validation cases for the possible fields - provided test data from a separate resource file and from csv files
* Used a external log file for further analysis
* Used the APIs to write a method for backed functionality for reducing the run time

**My System Environment**

*OS : Window 8.1*

*Browser : Firefox 52.0.2*

*Supporting libraries:*

*C:\Python27\Scripts>pip list*

*certifi (2017.11.5)*

*chardet (3.0.4)*

*colorama (0.3.9)*

*decorator (4.1.2)*

*idna (2.6)*

*pip (9.0.1)*

*py (1.5.2)*

*pytest (3.2.5)*

*requests (2.18.4)*

*robotframework (3.0.2)*

*robotframework-selenium2library (1.8.0)*

*selenium (3.5.0)*

*setuptools (36.4.0)*

*urllib3 (1.22)*

*C:\Python27\Scripts>python --version*

*Python 2.7.13*