**Meetup Project Test plan**

**System Under Test**

Meetup.com | Meetup Mobile Application

**Start Date:**

December 25, 2015

**End Date:**

March 10, 2016

**Overview:**

The purpose of testing this application is to teach myself current test automation/quality assurance tools while utilizing my knowledge of the meetup platform as a subject matter expert.

**Roles and Responsibilities:**

I will be the only QA Analyst on this personal self-development project. I will hold myself accountable in learning these tools and enhancing my skillset. If I do not understand a concept, I will google it. If more clarification is needed, I will consult with my mentors in my field.

**Scope:**

-User can log in and out their account

-User can successfully register for an account

-User can join or leave a meetup group

-User can change rsvp for an event

-User can leave a comment on the group event page

-User can block another user

**Out of Scope:**

-Creating meetup group

-Collecting membership dues

-Paying membership dues

-Sending messages to the entire group

**Tools:**

Selenium WebDriver

Gatlin

Appium

SOAPUI

Eclipse IDE

TestNG

Mozilla Firefox/ Firebug

Git/Github

Java

Simulator/ Emulator (Mobile)

BDD

**Deliverables/Artifacts:**

BDD Gherkin Exercises

Test Cases

Test Traceability Matrix

Test Data

Test Results

**Type of testing to be performed:**

Functional test cases using Selenium

Behavior Driven Development

Performance Testing

Load Testing

Web Services Testing

API Testing

**Operating Systems/Platforms**

This project will be executed on the following platforms/OS:

Windows 7/HP Laptop

Android/LG Volt

**Exit Criteria:**

Testing will end when all types of testing has been successfully executed and mastery of tool and skills have been acquired.

**End Goals:**

Successfully write automated test scripts with Selenium WebDriver

Problem solve issues with Selenium WebDriver such as xpath, id, Javascript/ configurations

Perform multiple types of non-functional testing with respective bleeding edge technologies

Document the learning process and write a blog of lessons learned

Make available my project and all it's documentation online at the conclusion of this project so that others interested in QA or who want to improve their skills can learn from it