**TEST STRATEGY**

Considerations

Testing the Calculator app on Google will be done through a mixture of manual and automated testing.

Manual testing:

* Test usability, performance, load and stress of the application for each browser the application is designed to be compatible with.

Automated testing:

* Test the functionality of the application on Chrome browser.
* Test the functionality for browser compatibility with : Chrome, Firefox, etc. (depends on which browsers the application is designed to be compatible with).
* Test the functionality for globalization/localization in each browser listed above.
* Test the functionality for different versions of each browser.
* Test the application for security in each browser listed above.

Automated tests for functional testing in Chrome browser

1. Python and Selenium Webdriver will be used to automate the tests for the functionality of the Calculator application on Chrome browser. See attached the Python project for the automation of the Calculator’s functionality.

How to run automated tests:

1. Install python 3
2. Install selenium, webdriver and pytest packages
3. Navigate to the root of your Python project directory
4. Open the terminal and run:
   1. pytest -v -s .\tests\.