**4.3 Performance and Stress Testing Definition:**

Performance and stress testing is the process of determining the responsiveness and stability of the PrimeNumbers function under different workloads i.e. given different inputs that require a lot of little computation/processing power.

**Participants:**

This test will be performed by Mpinane Mohale

**Methodology:**

Describe how Performance & Stress testing will be conducted. Who will write the test scripts for the testing, what would be sequence of events of Performance & Stress Testing, and how will the testing activity take place?

The test scripts for this test will be writing by Mpinane Mohale. Once the test scripts have been written. A input file will be written, it’s contents will be the input arguments for the prime numbers function. For every input, the test script will give the performance of the function. This performance will be physically checked against the expected performance of the function calculated through theoretical algorithm analysis.