**TEST PLAN**

**Unit Test**: Test will be done on all classes created that is product class, purchase class. The testing will be done using both automation and manual unit tests.

**UI Test**: The project will have the same font size, colour scheme, style throughout the product. When a customer wants to purchase a product the minimum amount of clicks the customer will do is four (4) if the customer is already logged in. Also, user can use the search bar to search for particular products they prefer. Errors will be displayed in red colour fonts and also explain the errors for customers to see it clear and fix the error. The interface displays clear images and descriptions of products.

**Requirements Testing:** The requirements of the project were customers to buy and sell products. Customers can view history of transactions as well as the use of search bar. Customers also provide information about products they wish to sell. Calculations of products purchased by customers is yet to be done.

**Basis Path Test:** The basis path test will be done on purchasing products with the calculations used in the project.

**Equivalence Partition Test:** The test will be done on the process how a customer can purchase a product that is the possibilities that can occur during the process.

**Validation Test:** Validation will be done on how customers can search for products using description and also customers will be allowed to purchase a certain number of products at a time.