# Online Suit Store Testing

## Signed:

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# Introduction:

The testing of our online suit store will be broken down into three categories.

1. Unit Testing:

Our first test will consist of unit testing. Five functions will be tested using unit testing and we will do them using the white and black box testing methods.

\*\*name the 5 functions and say which ones are going to be white box tested and which are going to be black box tested

1. Acceptance Test:

Our second test is an acceptance test, this will consist of going over are requirements document and looking at what we set out to do and compare it to what was actually done, we will look at any discrepancies and address them in our testing.

1. Usability Testing:

The final test we will do is usability testing this involves going through the website as a user would to look for any bugs that might occur under certain conditions. We will test, the login/register functionality, the cart functionality, the product filter functionality and all the basic functionality of the website.

# Unit Testing:

## Unit 1: Show Products

### *Black Box test*

We wanted to test our products to make sure that they all function correctly.

**Equivalence partitioning** will be used to test this function. **Equivalence classes** will be derived as the following.

1. V
2. V
3. V
4. V

|  |  |  |  |
| --- | --- | --- | --- |
| # | Test Data | Expected Outcome | Result |
| 1 | The image shows | The image will show | F |
| 2 | The name of the product will show | The name shows | T |
| 3 | The price of the product will show | The price shows | T |
| 4 | The Brand name of the product will show | The brand name shows | T |
| 5 | The Size of the product will show | The size shows | T |
| 6 | The Colour of the image will show | The colour shows | T |

#### 2.2.4 Cyclomatic complexity:

From the flow graph we can discover how many independent paths are in the function.

E – number of edges = \*?\*

N – number of nodes = \*?\*

Cyclomatic complexity = E - N + 2.

CC = \*?\* - \*?\* + 2

We can now document the basis set for these paths:

#### 2.2.5 Paths:

1. 1 - 2 - 3 - 4 - 5 - 6 - 7 -10
2. 1 - 2 - 3 - 4 - 5 - 6 - 7 -10
3. 1 - 2 - 3 - 4 - 5 - 6 - 7 -10
4. 1 - 2 - 3 - 4 - 5 - 6 - 7 -10
5. 1 - 2 - 3 - 4 - 5 - 6 - 7 -10

#### 2.2.6 Test cases for execution of each path:

Here we will test the path case and the functionality of each path.

|  |  |  |  |
| --- | --- | --- | --- |
| Path | Test Attempted | Expected Outcome | Result |
| 1 |  |  |  |
| 2 | SAMPLE | SAMPLE | SAMPLE |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

#### 2.2.7 Path 1:

INSERT IMAGE HERE

#### 2.2.8 Path 1:

INSERT IMAGE HERE

#### 2.2.9 Path 1:

INSERT IMAGE HERE