The Test plan for the Online shopping mall Web Application

**Test Plan Identifier:** OSM-01

**Introduction:**

This Master TEST PLAN is to test the OSM Web Application (the online shopping) and to verify the application is running efficiently and reliably for the End users. So we are going to Test all the items and features in the application. We make sure the application is defect or fault free, however the Functional testing execution raised up with the fault or failure of application , we will then create a new defect lifecycle to programmer.

After the issues fixed up the Unit testing will be taken and transfer to the re testing for final follow up before reaching UAT. This test execution needs a latest version of browser and a Internet connection to processed a good Testing environment.

**Test Items:**

* OSM webpage
* Category
* Search
* Checkout and cart
* Login for users, Administrator, vendors
* Registration for visitors, Shop vendors
* Requesting for shop
* Customer care
* Status
* Feedback with Book entry
* Add, remove, update categories/Items
* Sales report

**Software Risk issues:**

The test cycle will get delayed in the following issues.

1. Any delay in the network, may slow down the testing process
2. Version of the web browser, may cause delay in opening the webpage
3. Display session expires and re attempt for the login

**Features to be tested:**

The following features to checked are:

* Lunching the webpage should display the Home page with the logo, Menus, tabs, sub tabs.
* The Home page should display the search button, View category menu item which as the several check box like Apparel, Kitchen, accessories, Bath accessories, Food items.
* When clicking each any every check box it should direct the new page with relevant products items and also it must show the Most purchased product.
* By giving the valid username and password in the login section should open the user Account.
* By giving the invalid entry it should display the error massage with the cancel and new user registration button
* After the login attempt it shows View my profile button, by clicking this should navigate the new page with all information.
* After selecting the products the page should allow the user to add the items in cart, or to proceed the checkout directly.
* The product page should contains the customer care button, So while clicking this should navigate the page down to seller information and a customer care details.
* The Cart should allow the user to add n number of items for purchase. Minimum rage will be 1 item.
* If the product is out of stock then by clicking the buy or add to cart should show the error message and followed by other best selling products, customer care, and product updating alert.
* After the conformation the page should directs to a new page which as users profile information and buying history
* By clicking check out after selecting the items, should enables the users to add or remove items before payment method.
* In the null purchase state, clicking the order status, cancel order should shows error message. If the item as been purchased then by clicking Order status, Cancel order, give feedback , should opens new page with all needed information
* When the administrator get login the new page with following menus should appears, Manage employees, Approve/ reject shop creation request, add/ remove categories, view guest book. By clicking these should navigate the new page with all information.
* When the shop vendor get login then it directs to a new page with following menus, Maintain shop, Advertise product, Add/ remove , update items, create sales reports, discontinue shop.

**Features not to be tested:**

Not such item listed.

**Approach strategy:**

The OSM web application is planned to tested in the windows 8 with the updated chrome browser as per the IEEE standard.

In this it is will be functional testing.

**Pass/ Fail conditions:**

It is expected that all test cases must pass all the tests execution in each test category to be successful.

A re- test needs to be performed on any test that have failed and re fixed.

**Suspension criteria/ Resumption requirements:**

**Suspension:**

* Test execution may get interrupt due to poor Internet connection
* The old version of browser can cause delay in process
* The delay in developing

**Resumption:**

* The Development of the Application is completed
* The test cases have been reviewed
* The release the application to Test environment

**Reaming task:.**

Test case, test execution, end report.

**Environment needs:**

The elements required to support the test are as follows:

* Internet
* System with windows 8 or more updated version
* Web browser with newly updated

**Staffing and training needs:**

Need training in web application

**Responsibilities:**

Test manager

**Schedule:**

5days for the developing and 2day execution