**Test Plan – Online Shopping Mall (OSM)**

http://osmlite.googlecode.com

Date: 02 September 2015

**Identification:** OSM2015.10

**Reference:** WBAUG1.0 (White Batch August)

**Introduction:**  This is Master test plan using Functional test methods where black box and white box testing will be carried out in the different levels of Sales Manager and Accounts Manager modules of the OSM project throughout the SDLC Software Development Life Cycle.

Objective is to complete the test cases ready for execution on 4th Sep 2015 with 5 days of action plan with sharing ideas with in the team when necessary and report to the test Manager for review.

We have the constraint of no direct communication with the developers.

**Test Items:**

1. http://osmlite.googlecode.com - OSM’s (Online Shopping Mall) website address
2. JAVA EE
3. HTML, XML, Java Script.
4. Tool Kit for software Testing: ECLIPSE J2EE

**Features to be tested:**

Following USECASES are the features to be tested through the entry from the OSM website’s Functionality:

All Use cases included in the sales Managers module are to be tested. They are

1. View customer details.
2. Add/update and view purchase details.
3. Create/update a service level agreement.
4. View service level agreement.
5. View product stock and contact with the administrator.

Purchase Manager:

* Consulting with the administrator, requesting the vendors for required products and updating stocks

Accounts Manager:

1. Regulating Payments
2. Add / edit payment transaction details
3. View history.
4. Consulting with bank and consulting with administrator.

Customer Care:

* Getting feedback and providing solutions.

**Features not to be tested:**

The Contact us menus is not to be tested

**Approach:**

1. http://osmlite.googlecode.com

Website will be tested Functional testing with manual and automation testing methods.

It is going to be tested by Septemper2015 WHITE BATCH testing team as black box testing.

It will be tested in unit, system, Integration, performance and acceptance levels of testing.

2. Load testing also will be carried out to identify the maximum stress tolerance of the software.

**Item Pass/Fail Criteria:**

OSM software is expected to meet all the expected results and pass throughout all levels of tests.

In the case of failure in all critical, major defects in priority and severity categories defects will be raised and final review will be done by *Test manager Narayanan Palani* and will be reported to the developing team until it passes in the test.

**Suspension Criteria and Resumption Requirements:**

*Suspension Criteria:*

*Administrator should be logged in, else testing will be temporarily suspended until the administrator is ready with the updated database and connected to the employees, customers and vendors.*

Test will be suspended by the team when there is interruption in internet access or power supply.

*Resumption requirement:*

Cause of Suspension will be reported to the *Environmental Manager Saji* and test will be resumed including the tests possibly could have been affected by the suspension.

**Test Deliverables:**

­­­Following documents should be clearly written and delivered to OSM on completion of the testing.

Test plan (This Document)

Test case

Test evidence

Test data sheet

Test tools used.

Defect logs

Test report

**Testing Task:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task** | **Assigned to** | **Reviewed by** | **Report to** |
| Sales Manager Module (Use cases) | Jeyabala | Jeyabala & Test Manager  Narayanan Palani | Test Manager  Narayanan Palani |
| Accounts Manager Module (Use cases) | Jeyabala | Jeyabala & Test Manager  Narayanan Palani |

**Test Environment:**

Test environment to complete load testing, which is essential for shopping mall site on a sale day.

Android, IPhone mobiles to test the software in varies commonly used mobile OS

Chrome, Firefox, IE -Different browsers to test browser compatibility.

**Responsibilities:**

Test execution signoff: Test Manager -Narayanan Palani

Test evidence signoff: Project Manager- David Anderson

Test report signoff: Environmental Manager – Saji

**Staffing and Training Needs:**

The functional testing will be carried out by tester Jeyabala by getting necessary help or ideas from other testers in the team Usman, Haroon, Arrchana, Shivani

Whole team need to undergo relevant training in functional testing is essential.

The Test manager Narayan Palani provides the required training throughout the project.

**Schedule:**

The software is expected to be tested and test report is expected to be signoff by 5th Sep 2015

Days tests will be carried out are: 5th Sep 2015

**Risks and contingencies Plan:**

Tester can take off during the test and that case of risk contingencies plan of

Tester should notify the Test manager in advance to decide or make arrangements to complete the required task to meet the deadline of the project.

When Internet is not connected to the hardware, other possible company’s data connections could be used.

**Approved by**

Narayanan Palani Saji

*Test manager* *Environmental Manager*

(Signature) (Signature)