# Online Shopping Mall Test Plan

**Test Plan Identifier:**  OSM01

**Reference:**  Website: www.onlineshoppingmall.co.uk

* Project plan:  Providing a secure website for the user. For example, people can share their details such as DOB or bank details without any uncertainty.
* System Requirement: This website must work on the latest version of Windows 8 with browsers Chrome 44.0.2403.155 m and Internet Explorer.
* Low Level Requirement: This website will work with the latest version of Windows 8 with Chrome and Internet Explorer or any other web browser. However, if it is not the latest version then your (computer or website) could possibly be hacked.
* Design: This website design is simple to use with lots of options e.g. you can register a person by name, DOB and email address which later comes up during activity.

**Introduction**

This is the test plan for testing the website www.onlineshoppingmall.co.uk. This document explains the testing methodology for the website, and is to be used as a guide for the testing activity. The scope of testing as explained in the document is to test the functionality website that runs on Windows 8 PC devices supporting Chrome and Internet Explorer.  This plan will address only the items and elements as listed in the test items. The primary focus of this plan is to ensure that all the functions of the Online Shopping Mall web page are working correctly, identifying any faults with the website, report it back to the developer team, carry out regression testing and close the testing when everything is fixed.

The project will have five levels of testing, Unit, System, Integration, Performance and Acceptance. The details for each level are addressed in the approach section and will be further defined in the level specific plans.

The estimated timeline for this project is highly efficient one month, as such, any delays in the development process or in the installation and verification of the third party software could have significant effects on the test plan. The acceptance testing is expected to take twenty days from the application delivery from system test and is to be done in parallel with the current application process.

**Test Items**

1. Online Shopping Mall homepage
2. Links, tabs, images
3. Search bar
4. FAQs
5. About Us
6. Careers
7. Social Media Links

**Software Risk Issues**

There are several parts of the project that are not within the control of this project but have direct impact on the process and must be checked as well.

1. System may crash
2. Website is not working on windows or apple base system
3. Website doesn’t support chrome or internet explorer version

**Features To Be Tested:**

1. Menu Tabs: home, registration etc
2. Map: components, appearance
3. Search Field: acceptance of input
4. Browser with invalid input
5. Links on the website like facebook, twitter etc
6. About us, facilities and payment
7. Online Shopping Mall logo

**Features Not To Be Tested:**

A. Contact Us

B. Validation of external links cannot be tested; such as,

1. Facebook

2. Twitter

3. Blog

4. YouTube

**Approach (Strategy)**

* Test plan to be reviewed by colleague
* Final review by project manager
* Use of boundary value technique
* Allocation of time frame for each stage of test
* Decision table
* No use of automation testing tool

**Item Pass/Fail Criteria**

* Tests should be passed and completed only when test evidences are provided and reviewed by the project manager.
* Additional tests needs to be performed when the tests fail and are ready for retest in order to pass the tests.
* Subset of regression test pack needs to be executed as and when the batch releases for the set of defect fixes on failed tests. So the pass criteria in this case is to prove that the entire module is working as expected after the defect fixes.

**Suspension Criteria and Resumption Requirements**

* If the application or network is down, testing should be stopped. We should start testing when the server or network is up and running.
* If the number of defects found reaches 100, then we should stop and report to the test lead, who then reports to the project manager.

**Test Deliverable**

Master Test Plan

Test Scenarios

Test Cases

Test Data Sheet

Tools and inputs

Test Scripts

**Environmental Needs**

The following elements are required to support the overall test effort at all levels within the reassigned website project:

* Laptop with Windows 8 Installed
* Access to internet and Google Chrome Browser
* An exclusive test environment for performance testing as it should impact the regular test executions of other test cycles

**Staffing and Training Needs**

Testers should have the ISTQB foundation certificate holder to be a professional tester.

All testers need to be trained in system and regression testing (ISQTP) training as it is essential to undergo custom based application training before test execution.

**Responsibilities**

Test Execution Signoff: Test Manager

Test Evidences Signoff: Business Analyst

End of Test Report Sign off: Project Manager

**Remaining Test Tasks**

|  |  |  |
| --- | --- | --- |
| Task | Assigned To | Status |
| Test Scenario | Test Engineer |  |
| Test Case | Test Engineer |  |
| Test Data | Test Engineer |  |
| Test Execution | Test Engineer |  |
| End of Test Reports | Test Engineer |  |

**Schedule**

Test should be completed and signed off in one month.

**Planning Risks and Contingencies**

A. Limited test resources for performance testing

B. Unavailability of resources during regional holidays

**Approvals**

Project Sponsor:

Development Management: Vicapri Training

Project Manager: Narayan

Environment Manager: