**Winshop**

Software Test Plan

Version <1.0>

Revision History

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**<Iteration/ Master> Test Plan**

# Introduction

*[Provide an overview of the test plan document here. You may answer the following questions when writing this section*

*\* what are objectives of this document?  
\* what is this document about?  
\* who should use it?  
\* what are the key features of this document?]*

* Objectives: help to carry out the strategy that will be used to verify and ensure that a product or system meets its design specifications and other requirements (describes how the tester will verify that the system works as intended)
* About:
* Identify the Target Test Items to perform and the test techniques associated with each item.
* Determine the hardware requirements of the test equipment, environment and software
* Identify tools to support during testing
* Identify the key roles and responsibilities of each team member
* Users:
* QA managers: outline the overall test strategy for a project and to give status information on the progress of testing at the project level.
* Key features:
* Test Strategy
* The document serves as a means of communication across the software team.
* Helps the testing team to control various risks associated with the testing process.

# Target Test Items

*[List software items for testing. Software items include features and areas to test such as performance, usability, and security.]*

* Checkout Products: usability testing, Functional testing
* Manage Products: usability testing, Functional testing
* Add Products to Cart: usability testing, Functional testing
* Log In: usability testing, security, Functional testing
* Search Products: usability testing, Functional testing

# Environmental Needs

*[This section presents the non-human resources required for the* ***Test Plan****.]*

## Hardware Requirements

*[Identify hardware requirements used to run and test the application]*

* A 64-bit operating system like Windows 10 or later.
* Up-to-date Chrome
* 8 GB of RAM or more.
* 2 GB of free disk space for installation, plus extra space for temporary files during test runs.
* 1280 × 1024 or higher display resolution.
* Mouse or other pointing device.

## Software in the Test Environment

The following base software elements are required in the test environment for this *Test Plan*.

*[Note: Add or delete items as appropriate.]*

| **Software Name** | **Purpose** | **Version** | **Type and Other Notes** |
| --- | --- | --- | --- |
| Windows 10, 64 bit |  |  | Operating System |
| Mac OS X 10.10 |  |  | Operating System |

## Productivity and Support Tools

The following tools will be employed to support the test process for this *Test Plan*.

*[Note: Add more items as appropriate.]*

| **Tool Category or Type** | **Tool Brand Name** | **Vendor or In-house** | **Version** |
| --- | --- | --- | --- |
| Defect Tracking | MS Excel 2010 | MS | 2010 |

# Responsibilities, Staffing, and Training Needs

## People and Roles

This table shows the staffing assumptions for the test effort.

*[****Note****: Add or delete items as appropriate.]*

| **Human Resources** | | |
| --- | --- | --- |
| **Role** | **Minimum Resources Recommended**  **(number of full-time roles allocated)** | **Specific Responsibilities or Comments** |
| Test Manager | Tú | Provides management oversight.  Responsibilities include:   * planning and logistics * agree mission * identify motivators * acquire appropriate resources * present management reporting * advocate the interests of test * evaluate effectiveness of test effort |
| Tester | Trường, Tân, Thông, Lộc | Implements and executes the tests.  Responsibilities include:   * implement tests and test suites * execute test suites * log results * analyze and recover from test failures * document incidents |
| Test System Administrator |  | Ensures test environment and assets are managed and maintained.  Responsibilities include:   * administer test management system * install and support access to, and recovery of, test environment configurations and test labs |