**Winshop**

<Iteration/ Master> Test Plan

Version <1.0>

Revision History

| **Date** | **Version** | **Description** | **Author** |
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**<Iteration/ Master> Test Plan**

# Introduction

* Objectives: help to carry out the strategy that will be used to verify and ensure that a system or product 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

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

# Environmental Needs

## Hardware Requirements

A 64-bit operating system like Windows 10 or later (or other OS like MacOS, ..)

* 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 lower 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*.

| **Software Name** | **Purpose** | **Version** | **Type and Other Notes** |
| --- | --- | --- | --- |
| Windows 10, 64 bit | Test client and server application with functional, performance | 10 or 11 | Operating System |
| Mac OS X 10.10 | Test client and server application with functional, performance | 10.10 | Operating System |

## Productivity and Support Tools

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

| **Tool Category or Type** | **Tool Brand Name** | **Vendor or In-house** | **Version** |
| --- | --- | --- | --- |
| Defect Tracking | MS Excel 2016 | MS | 2016 |
| Automated Testing | Katalon | Katalon LLC | 2022 |

# Responsibilities, Staffing, and Training Needs

## People and Roles

This table shows the staffing assumptions for the test effort.

| **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 | Tân | Ensures the 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 |