GROUP 05

Winshop

<Iteration/ Master> Test Plan

Version <1.0>

Revision History

Date	Version	Description	Author
20/12/2022	1.0	Preliminary version	Group 05

Table of Contents

<Iteration/ Master> Test Plan

1.   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.

2.   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

3.   Environmental Needs

3.1   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.

3.2   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

3.3   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

4. Responsibilities, Staffing, and Training Needs

4.1 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

Human Resources		
Role	**Minimum Resources Recommended** (number of full-time roles allocated)	**Specific Responsibilities or Comments**
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