**<SHOPAA>**

<Iteration/ Master> Test Plan

Version <1.0>

Revision History

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

# Introduction

## Purpose

The test plan document is a comprehensive document that outlines the objectives, strategies, and resources needed to ensure the successful testing of a product or service. The main objective of this document is to ensure that all aspects of the testing process are thoroughly planned and executed, resulting in a high-quality end product.

This document is about the planning and execution of testing activities for a specific product or service. It includes details on the testing environment, resources needed, test cases, and expected outcomes. The document also outlines the roles and responsibilities of the testing team and any external stakeholders involved in the testing process.

The test plan document should be used by the testing team, project managers, and any other stakeholders involved in the testing process. This includes developers, product managers, and quality assurance teams. It is also a useful tool for communicating the testing strategy to external stakeholders such as clients or investors.

The key features of this document include:

A detailed description of the testing environment and resources needed

A list of test cases and expected outcomes

A plan for executing the testing process, including timelines and milestones

A description of the roles and responsibilities of the testing team and external stakeholders

# Target Test Items

Sign in:

* Verify that users can successfully sign in with valid credentials
* Verify that the system properly handles invalid or missing credentials
* Verify that the system properly handles account lockouts after multiple failed login attempts
* Verify that the system properly handles session management and that users are logged out after a certain period of inactivity

Add to cart:

* Verify that users can add items to their cart
* Verify that the quantity of items in the cart can be modified
* Verify that the subtotal, total and any applicable taxes and shipping costs are calculated correctly
* Verify that items can be removed from the cart

Search store:

* Verify that users can search for products by keyword
* Verify that search results are accurate and relevant
* Verify that the search function works correctly with special characters and spaces
* Verify that search results are properly organized and displayed
* Verify that search results can be filtered and sorted

Sort store:

* Verify that products can be sorted by rating
* Verify that sorting options work as expected

Order food:

* Verify that users can select items and place orders correctly
* Verify that the order summary displays the correct items, prices
* Verify that order can be canceled by the user if needed.
* Verify that users input right name

# Environmental Needs

## Hardware Requirements

Operating system: Windows 10, Windows 11 (recommended)

Ram: 2gb or more

## 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** |
| --- | --- | --- | --- |
| Firefox | test ability to run on the web platform | Newest | Internet Browser |
| Google Chrome | test ability to run on the web platform | Newest | Internet Browser |
| Microsoft Edge | test ability to run on the web platform | Newest | Internet Browser |
| Windows 10, 64 bit | Compatibility check | 21H2 | 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 2010 | MS | 2016 or later |

# 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/Test designer | Ngân | 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 | Ngân  Vinh  Phát  Phong | 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 |