Giadinhtiendung e-commerce website

Master Test Plan

Version 0.1

Revision History

| **Date** | **Version** | **Description** | **Author** |
| --- | --- | --- | --- |
| 25/12/2023 | 0.1 | Give out directions and start writing the document | Lê Quang Trường |
| 3/1/2024 | 0.1 | Write introduction | Trần Ngọc Trường Thịnh |
| 3/1/2024 | 0.1 | Write target test item | Nguyễn Gia Khánh |
| 3/1/2024 | 0.1 | Write environmental needs | Bùi Nguyên Hanh |
| 3/1/2024 | 0.1 | Write Responsibilities, Staffing, and Training Needs | Lê Quang Trường, Nguyễn Văn Tuấn Kiệt |

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**Master Test Plan**

# Introduction

## Purpose

The purpose of this Master Test Plan document is to provide an overarching framework for testing activities for giadinhtiendung e-commerce website. It outlines the objectives, scope, and approach to testing, serving as a guide for all testing phases.

Objectives:

* Define the scope and strategy for testing activities.
* Establish a common understanding among the project team regarding testing processes.
* Identify the roles and responsibilities of team members involved in testing.
* Ensure the quality and reliability of the software through systematic testing.
* Provide a reference for stakeholders to understand the testing approach and timelines.

# Target Test Items

* Functionality testing including:
* Admin side functionalities
* Vendor side functionalities
* Buyer side functionalities
* Usability testing
* UI interactivity
* Accessibility

# Environmental Needs

## Hardware Requirements

Your PC or laptop must have access to the Internet and can run a web Browser.

## 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** |
| --- | --- | --- | --- |
| Chromium |  | 120.0.6099.129 | Internet Browser |
| Windows 10, 64 bit |  | version 22H2 | Operating System |
| Windows 11, 64 bit |  | version 23H2 | 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*.

| **Tool Category or Type** | **Tool Brand Name** | **Vendor or In-house** | **Version** |
| --- | --- | --- | --- |
| Defect Tracking | Google sheet | Google | 2023 |
| Work assignment | Jira | Atlassian | 2023 |

# 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 | Nguyễn Văn Tuấn Kiệt | 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 | Lê Quang Trường  Trần Ngọc Trường Thịnh  Bùi Nguyên Hanh  Nguyễn Gia Khánh | 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 | Trần Thịnh Trường Thịnh | 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 |