**<Project Name>**

<Iteration/ Master> Test Plan

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 10/05/2021 | 1.0 | Fill in Introduction, Environment needs and Responsibilities, Staffing, and Training Needs | Nguyễn Đăng Triều |
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Table of Contents

1. Introduction 4

1.1 Purpose 4

2. Target Test Items 4

3. Environmental Needs 4

3.1 Hardware Requirements 4

3.2 Software in the Test Environment 4

3.3 Productivity and Support Tools 4

4. Responsibilities, Staffing, and Training Needs 4

4.1 People and Roles 4

**<Iteration/ Master> Test Plan**

# Introduction

## Purpose

This document describes the plan for testing the architectural prototype of the donate website. This Test Plan document supports the following objectives:

It is a brief summary of the product that is being tested.

Identify existing project information and the software that should be tested.

Provide visibility to stakeholders in the testing effort that adequate consideration has been given to various aspects of governing the testing effort, and where appropriate to have those stakeholders approve the plan.

# Target Test Items

The listing below identifies those test items-software, and supporting product elements-that have been identified as targets for testing. This list represents what items will be tested.

Technical use:

Functional testing (manual): each member will check whether a feature can run or not, right or wrong.

* Main feature 1: Add items to cart (customer role)
* Main feature 2: Manage item (admin role)
* Main feature 3: Import items (admin role)

Other feature

* Feature 4: Login as admin
* Feature 5: Manage items in cart (customer role)

# Environmental Needs

## Hardware Requirements

A Computer/Laptop that can connect to Internet

## 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** |
| Chrome/Microsoft Edge | Use to access to website in order to test function | Latest version | Internet Browser |
| Windows 10, 32bit | Operating system use to run browser and other software. | Latest version | Operating System |
| Windows 7, 64 bit | Operating system use to run browser and other software. | Latest version | Operating System |
| Mac OS X 10.10 | Operating system use to run browser and other software. | Latest version | Operating System |
| XAMPP | Create a localhost website | Latest version | Website |
| Sublime text | View source code, structure folder. | Latest version | Text editor |

## 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** |
| Write test case, bug report | MS Excel 2010 | MS | Latest version |
| Weekly report, test plan | Google Doc | Google | Latest version |
| Communicate with teammate | Messenger | Facebook | Latest version |
| Manage tasks | Trello | Atlassian | Latest version |

# 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 | Nguyễn Đăng Triều | 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 | All members:  Nguyễn Đăng Triều  Nguyễn Lê Đức Hoàng  Nguyễn Bá Tín  Lê Hồng Quang  Lê Thị Thùy Dương | 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 | Lê Hồng Quang | 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 |