E-commerce Web Application

<Iteration/ Master> Test Plan

Version <1.0>

Revision History

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| 06/12/2020 | 1.0 |  | Mai Đăng Khánh |
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<Iteration/ Master> Test Plan

# Introduction

## Purpose

[Provide an overview of the test plan document here. You may answer the following questions when writing this section

\* what are objectives of this document?  
\* what is this document about?  
\* who should use it?  
\* what are the key features of this document?]

This is the test plan documentation of our project: “E-commerce Web Application”. It helps us determine the effort needed to validate the quality of the application under test.

This document describes the test strategy, objectives, schedule, estimation, deliverables, and resources required to perform testing for the web application. The test plan serves as a blueprint to conduct software testing activities as a defined process, which is minutely monitored and controlled by the test manager.

This document is intended to be use by people outside the test team such as developers, business managers, customers to understand the details of testing. The test plan provides rules and guide lines for the testing team to follow. It also documented important aspects like test estimation, test scope, test strategy, so it can be reviewed by management personel.

# Target Test Items

[List software items for testing. Software items include features and areas to test such as performance, usability, and security.]

## Functional testing

## Usability testing

## Performance testing

## Security testing

# Environmental Needs

[This section presents the non-human resources required for the **Test Plan**.]

## Hardware Requirements

[Identify hardware requirements used to run and test the application]

## Software in the Test Environment

The following base software elements are required in the test environment for this *Test Plan*.

[Note: Add or delete items as appropriate.]

| **Software Name** | **Purpose** | **Version** | **Type and Other Notes** |
| --- | --- | --- | --- |
| Firefox |  |  | Internet Browser |
| Windows 7, 32bit |  |  | Operating System |
| Windows 7, 64 bit |  |  | Operating System |
| Mac OS X 10.10 |  |  | Operating System |
| MS Outlook |  |  | eMail Client software |

## Productivity and Support Tools

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

[Note: Add more items as appropriate.]

| **Tool Category or Type** | **Tool Brand Name** | **Vendor or In-house** | **Version** |
| --- | --- | --- | --- |
| Defect Tracking | MS Excel 2010 | MS | 2010 |

# 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 |  | 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 |  | 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 |  | 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 |