Version <1.0>

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <28/12/2022> | <1.0> | Add part 1, 2, 3, 4 | Vo Van Hoang |
| <30/12/2022> | <1.1> | Change and add more in part 4 | Ngo Van Trung Nguyen |

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# Introduction

## Purpose

* This is the test plan for the website online shoes shopping, the objectives of this plan is to verify and validate the project (last phase of the project)
* The document includes

+ Target test items

+ Environmental needing things

+ Responsibilities, staffing and training meets

* This document is made for test manager and tester, instructors may use this to judge the grade, too.
* Feature chosen to be tested:

+ Login

+ Register

+ Upload

+ Order

# Target Test Items

* Login: usability, security, functional
* Register: usability, security, functional
* Upload: usability, performance, functional
* Order: usability, performance, functional

**Note:**

* Functional testing: Test if the feature work correctly
* Usability testing: Test how a function is friendly to the user
* Performance testing: Check if it run fast enough
* Security testing: Check if it has security for information like password

# Environmental Needs

## Hardware Requirements

* Every computer that have access to the internet and have a browser that can work on the version of operation on that computer

## 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** |
| --- | --- | --- | --- |
| Edge | Access to the web to perform login, register | 103.0.1264.77 (Official build) (64-bit) | Internet Browser |
| File explorer | Choose image to upload | Integrated to windows 10 and 11 | Operating System |
| Windows 10, 64 bit | Open browsers | 10 | Operating System |
| Windows 11, 64 bit | Open browsers | 11 | Operating System |
| Gmail (Facebook) | Latest of Gmail (Facebook) | Connect and verify email to Log-in, Sign-in Shoes Purchasion website | Email client software |

## 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 | 2010 |
| Test plans | Google docs | Google LLC | 2022 |

# 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 | Vo Van Hoang - 20127028 | 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 | Nguyen Duc Minh - 20127049  Ngo Van Trung Nguyen – 20127054  Nguyen Minh Tuan – 20127092  Vo Van Hoang - 20127028 | 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 | Vo Van Hoang - 20127028 | 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 |