**Lemmi**

Test Plan

Version 1.0

Revision History

| **Date** | **Version** | **Description** | **Author** |
| --- | --- | --- | --- |
| 25/12/2021 | 1.0 |  | NVTien |
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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

**Test Plan**

# Introduction

This document aims to provide an overview of the test schedule of the project. It includes target test items, environment, responsibilities, staffing, and training needs.

# Target Test Items

For more information about the test case: [test-cases-v1.1.xlsx](https://docs.google.com/spreadsheets/d/113MWNUUpaGSQLt7SnH8hTsbhHWXWyCCs/edit?usp=sharing&ouid=107005477815529248214&rtpof=true&sd=true)

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# Environmental Needs

## Hardware Requirements

* A computer has the ability to connect web.
* With localhost testing, the environment should install Nodejs to run the web application.

## 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 | Run the website and do testing. | Lastest | Internet Browser |
| Microsoft Edge | Run the website and do testing. | Lastest | Internet Browser |
| Safari | Run the website and do testing. | Lastest | Internet Browser |
| Windows 10, 64 bit | Execute the website | Lastest | Operating System |
| Mac OS X 10.10 | Execute the website | Lastest | 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 | 2010 |
| Document | Google docs | Google | Lastest |
| Test tool | Postman | Postman | 9.6.1 |
| Automation testing tool | Katalon | Katalon studio | 7.0 |

# 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 | Tien Nguyen Van | 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 | Tien Nguyen Van  Dat Thai Ngoc Thanh  Van Mai Thi Cam  Khoa Ta Ngoc Minh | 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 | Khoa Ta Ngoc Minh | 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 |