**<Project Name>**

<Iteration/ Master> Test Plan

Version <1.0>

Revision History

| **Date** | **Version** | **Description** | **Author** |
| --- | --- | --- | --- |
| 20/07/2022 | 1.0 | Planning for testing | Nguyen Hoang Luan |
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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

* Provide a plan of work and conditions to do for the ongoing ToeicExam project
* Identify Target Items
* Identify tools during testing
* Determine hardware requirements of devices, environments
* Identify the main roles and tasks of each member of the team in the ToeicExam project
* Looking for human resources to test the features for the ToeicExam project

# Target Test Items

* Mini Test: usability testing, Functional testing
* Full Test: usability testing, Functional testing
* Discussion Forum: usability testing, Functional testing
* Sign In: usability testing, Functional testing
* Sign Up: usability testing, Functional testing

# Environmental Needs

## Hardware Requirements

Laptop Fujitsu AH: CPU i7-1165G7, Ram 16GB, 15.6 inch

## 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** |
| --- | --- | --- | --- |
| Window 10, 64 bit | Check the app's suitability for this operating system. | 21H2 | Operating System |
| Chorme | Run web application | 96.0.4664.110 | Internet Browser |
| Opera | Run web application | 87.0.4363.59 | Internet Browser |
| Microsoft Edge | Run web application | 81 | Internet Browser |
| Mozilla Firefox | Run web application | 90.0.2 | Internet Browser |

## 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 |

# 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 | Nguyen Hoang Luan | 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 | Cao Nhat Duc  Nguyen Dang Manh Tu | 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 | Cao Nhat Duc  Huynh Ngoc Son | 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 |