
<Group 07>

**<Honie Cosmetic>
<Iteration/ Master> Test Plan**

Version <1.0>

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Revision History

Date	Version	Description	Author
Date: 01/01/2023	1.0	First update, create test plan	Team Leader

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1. Introduction

1.1 Purpose

- The purpose of the Test Plan is to outline and communicate the intent of the testing effort for a given schedule. Primarily, as with other planning documents, the main objective is to gain the acceptance and approval of the stakeholders in the test effort. As such, the document should avoid detail that would not be understood, or would be considered irrelevant by the stakeholders in the test effort.
- Secondly, the test plan forms the framework within which the test roles work for the given schedule. It directs, guides and constrains the test effort, focusing the work on the useful and necessary deliverables.
- In cultures or domains in which test plans are not recognized as formal artifacts, it is still important to consider the different aspects represented by the test plan, and make appropriate decisions about what testing will be undertaken and how the test effort will be approached.

2. Target Test Items

- ❖ We use testing methods:
 - Functional Testing
 - Usability Testing
- ❖ List software items function for testing
 - Login
 - Signup
 - Filter
 - Edit profile
 - Edit password
 - Product detail
 - Update cart
 - Checkout

3. Environmental Needs

3.1 Hardware Requirements

- Laptop or PC with CPU of Intel or AMD series
- Laptop or PC with at least 4GB RAM and need more than 50GB hard drive.
- 1.5 GB of free disk space for installation, plus extra space for temporary files during test runs (see below)

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3.2 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
Google	To display a software interface that allows user interaction with the system for testing		Internet Browser
Edge	To display a software interface that allows user interaction with the system for testing		Internet Browser
Windows 10, 64 bit	The operating system will be the software that manages the software and hardware needed for testing		Operating System
Windows 11, 64 bit	The operating system will be the software that manages the software and hardware needed for testing		Operating System
Mac OS X 10.10	The operating system will be the software that manages the software and hardware needed for testing		Operating System
MS Outlook	Send and receive confirmation upon successful registration		eMail Client software
MySQL	The database management system from Oracle will be store data and make it easier to locate the data you need	8.0.31-winx64	Environment
Nodejs	This is a cross-platform, open-source server environment that can run on Windows, Linux, MacOS,.. This is a web-end JavaScript runtime runtime environment.	v19.4.0	Environment
Visual Studio Code	To run the backend and frontend source code of the system for testing	2022	IDE

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3.3 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 2020	Microsoft	2020
Write Test Plan	MS Word 2020	Microsoft	2020
Testing	Visual Studio Code	Microsoft	1.74.2
Testing	Git		2.39.0.windows.2
Source code management	Github	Microsoft	
Database Testing	MySQL	Oracle	v19.4.0

4. Responsibilities, Staffing, and Training Needs

4.1 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 Vo Minh Tri	Provides management oversight. Responsibilities include: <ul style="list-style-type: none"> ● planning and logistics ● agree mission ● identify motivators ● acquire appropriate resources ● present management reporting ● advocate the interests of test ● evaluate effectiveness of test effort

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Human Resources		
Role	Minimum Resources Recommended (number of full-time roles allocated)	Specific Responsibilities or Comments
Tester	Nguyen Vo Minh Tri Nguyen Thi Minh Thao Hoang Huu Minh An Trinh Duc Thien Nguyen Hoai An	Implements and executes the tests. Responsibilities include: <ul style="list-style-type: none"> ● implement tests and test suites ● execute test suites ● log results ● analyze and recover from test failures ● document incidents
Test System Administrator	Hoang Huu Minh An Trinh Duc Thien	Ensures the test environment and assets are managed and maintained. Responsibilities include: <ul style="list-style-type: none"> ● administer test management system ● install and support access to, and recovery of, test environment configurations and test labs