<Group104>

<FitUS>
<Iteration/ Master> Test Plan

Version <1.1>

Revision History

Date	Version	Description	Author
<06/08/2023>	<1.0>	<First version of the document>	<Team 104>
<02/09/2023>	<1.1>	<Changing hardware requirements, adjust some responsibilities of testers>	<Team 104>

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<Iteration/ Master> Test Plan

1. Introduction

1.1 Purpose

This test plan document is to provide the target of the testing phase. It describes the target of the test items (such as performance, security, etc). In addition, the hardwares and softwares which are used to test will be included. The document can be used by the tester, test manager and developer.

2. Target Test Items

- Login/Register
- Add health record
- Update health record
- Monitoring health records
- Registration system
- Food portion
- View BMI value

3. Environmental Needs

3.1 Hardware Requirements

- Device 1: laptop ASUS Zephyrus G14 2021 (main computer for building the server)
  - Screen size: 14 inches
  - CPU: Ryzen 7 5800H
  - RAM: 16GB
  - Operating system: Windows 11
- Device 3: laptop Lenovo Ideapad S145 (backup computer)
  - Screen size: 15.6 inches
  - CPU: Intel Core i7
  - RAM: 8GB
  - Operating system: Windows 11

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 Chrome	Debugging the web application while running	Version 116.0.5845.97	Internet Browser
Microsoft Edge	Run the web application while testing	Version 115.0.1901.203	Internet Browser
Opera	Run the web application while testing	Version 101.0.4843.43	Internet Browser
Windows 10, 32 bit	Run the above web browsers.		Operating System
Windows 11, 64 bit	Run the above web browsers.		Operating System

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	Google Sheets	Google	2023
Writing documents	Google Docs	Google	2023

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		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 test cases ● execute test cases with different data input ● log results ● analyze and recover from test failures ● document incidents