**<HealthyMeal>**

<Iteration/ Master> Test Plan

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <28/12- 07/01> | <1.0> | * Test Plan: * Introduction * Test case * Test report * Weekly Report | Đinh Thành Danh |
| <28/12- 07/01> | <1.0> | * Test Plan: * Responsibilities, Staffing, and Training Needs   - Project presentation | Nguyễn Trí Trạch |
| <28/12- 07/01> | <1.0> | * Test Plan: * Target Test Items   - Test case - Test report | Trần Anh Huy |
| <28/12- 07/01> | <1.0> | - Test Plan:   * Environmental Needs   - Test case - Test report | Võ Minh Anh |

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**<Iteration/ Master> Test Plan**

# Introduction

## Purpose

What are the objectives of this document? all the features (LogIn, SignUp, Diet, WatchedList, GUI, ) that need to be tested. It is to help people not in the test team such as Business Analysist, Customers to understand the details of testing. The key feature of this document is LogIn As User, LogIn as Admin, SignUp, Diet, WatchedList and the GUI, performance of all of it

# Target Test Items

LogIn:

|  |  |  |  |
| --- | --- | --- | --- |
| Features | Performance | Usability | Security |
| Login as end user | System must respond quickly | Check Navigation | Password must be hashed |
| Login as admin | System must respond quickly | Check Navigation | Password must be hashed |

SignUp:

|  |  |  |  |
| --- | --- | --- | --- |
| Features | Performance | Usability | Security |
| Signup as end user | System must respond quickly | Check Navigation | Password must be hashed |

Diet:

|  |  |  |  |
| --- | --- | --- | --- |
| Features | Performance | Usability | Security |
| Search a Diet | System must respond quickly | Check the content | System should navigate un-logged in user to log in page |
| Filter Diet | System must respond quickly | Check the content | System should navigate un-logged in user to log in page |
| Add Diet as admin | System must respond quickly | Check the content | System should navigate un-logged in user to log in page |
| Delete Diet as admin | System must respond quickly | Check the content | System should navigate un-logged in user to log in page |

WatchedList

|  |  |  |  |
| --- | --- | --- | --- |
| Features | Performance | Usability | Security |
| Add Diet to watched List | System must respond quickly | Check content, Navigation | System should navigate un-logged in user to log in page |

# Environmental Needs

## Hardware Requirements

* RAM: 4GB
* Memory: 100MB

## 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** |
| --- | --- | --- | --- |
| Windows 10, 64 bits |  |  | Operating System |
| npm | Tạo và quản lý các thư viện javascript cho Nodejs | 8.5.5 |  |
| Nodejs | Để chạy phía server | 16.15.0 |  |
| ReactJS | Giúp xây dựng UI | 18.2.0 |  |

## 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 | 1 | 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 | 3 | 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 | 1 | 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 |