Test Plan

# Change Log

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| --- | --- | --- | --- |
| Version | Change Date | By | Description |
| 0.1 | 11/6/2017 | Nanda Aung |  |

# Introduction

This is the test plan for the project “Health Plus”. This test plan will be used for making test cases. The test methodology that will be used is RAD (Rapid Application Development) and the platforms that will be developed are android and IOS.

## Scope

### In Scope

* System Testing
* Acceptance Testing
* Performance Testing
* Usability Testing
* Security Testing
* Compatibility Testing
* Portability Testing

**\* The other testing methods are not tested because the hosting process of the app is not in charge for the team and the other methods are not applicable to the android and IOS platforms.**

## Quality Objective

* Bugs, issues and errors are fixed before live
* Main functions need to work properly
* The UI must be user friendly and easy to use

**\*These points are needed to achieve to run live without testing because without these points, the app will be totally unusable\*.**

## Roles and responsibility

* Project Manager
* Quality Assurance
* Developers and Testers

|  |  |
| --- | --- |
| Roles | Responsibility |
| Project Manager | Reviews the content of the test plan, test strategy and approves or disapproves. |
| Quality Assurance | Prepare test cases, scenarios and environment to test the app to meet expected performance |
| Developers and Tester | Develops the app and test the app. If the bug is found, the tester will define and give the developers to repair the bug. |

# Test Methodology

## Overview

The test methodology I will be using in this app is RAD. This methodology is selected because the project is small in size, low risk and can be done quickly with small team members.

## Test Completeness

* 100 percent test coverage
* 98 percent error free
* All bugs and errors must be registered and fixed or will fix next patch

# Test Deliverables

|  |  |
| --- | --- |
| Document | Deliver Person |
| Test Plan | Project Manager |
| Test Cases | Tester / Developer |
| Bug Report | Tester / Developer |
| Test Report | Project Manager |

**\*These are assigned according to their roles and responsibilities\***

# Resource and Environment needs

## Testing tools

For this project, use of automated testing tools are not necessary. Only the hardware to run on are necessary. **Since the project is small, use of tool is not necessary.**

## Test Environment

### Minimum System Requirement

#### For Android

|  |  |
| --- | --- |
| Hardware | Description |
| CPU (Central Processing Unit) | Any CPU that have 1GHz clock speed |
| RAM (Random Access Memory) | 2GB |
| HDD (Hard Disk Drive) | 500MB |
| Internet Connection | 250Kb/s or higher (average) |

#### For IOS

IOS 11 devices (SE, 6, 6+ and above)

### Software Requirement

#### For Android

* Android 4.4 (lollipop)

#### For IOS

* IOS 11