**TEST PLAN FOR ITERATION 1**

**File history**

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| **Date** | **Descriptions** | **Creator/Modifier** | **Reviewed by** |
| 11/13/2013 | Document Created | Tin Nguyen |  |
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INTRODUCTION

* 1. PURPOSES OF THIS TEST PLAN

To determine which part of the project need to be tested in Iteration 1

To list Test requirements in Iteration 1

To describe methodology used for testing the iteration 1

To determine resources needed for testing the iteration 1

To list testing results after testing the iteration 1

* 1. THE OVERVIEW OF HOMECARE SYSTEM PROJECT

The project aims to provide a way to track one’s health at home with low expense but accurate results, provide recommendations, help patient to connect to their clinics if needed.

The patient has an equipment attached to the body that collects patient’s physical data.

Data then be transmitted to a handheld device via a connection such as Bluetooth or Wifi.

There’s an application to manage the equipment, to collect data and transfer data with a server as well as to show statistics and recommendations to the patient.

Beside, patients could use a website to see collected data, reports, recommendations and other information as well as making different configuration.

* 1. THE OVERVIEW OF HOMECARE WEBSITE

The website provides users of HomeCare System means of showing data, making configuration to the system.

There are different kinds of HomeCare users: the patients who use the equipment, the administrator who configure the system, the web masters who make configuration of the website, etc.

* 1. SCOPE

Which Stages need to be included?

+ HomeCare Website

Which Levels need to be tested?

+ Unit test

+ Integration test

+ System test

Which part of the project this test will apply for?

* 1. REFERENCE

|  |  |  |  |
| --- | --- | --- | --- |
| **Documents** | **Created/Received** | **From** | **Note** |
| Requirements Specification ver.0.1.4 | YES | MINT |  |
| Test Cases | YES | Tin Nguyen |  |
| Test Plan | YES | Tin Nguyen |  |
| Test Packs | NO |  |  |
| Test Suites | NO |  |  |

1. TEST REQUIREMENT

+ Function requirement

+ Non-function requirement

+ System requirement

1. TESTING STRATEGIES
   1. Methodologies used in each software stage

Describe methodologies used to test (technique/standards in evaluating testing results/etc.)

* 1. Tools used in this project

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Tools** | **Provider** | **Version** |
| Manage testing activities | NO  Manual |  |  |
| Bugs tracker | Pivotal tracker | Pivotal | Web version |
| Integration test | NO  Manual |  |  |
| System test | NO  Manual |  |  |
| Project management | Microsoft Project | Microsoft | Professional 2007 |
| Database Tools | SQL management suite | Microsoft | 2008 |

1. RESOURCE

Resource needed in testing (including responsibility/obligation/knowledge/skills)

* 1. Human resource

|  |  |  |
| --- | --- | --- |
| **Title** | **Quantity/**  **Responsibility** | **Job description** |
| Test manager | 1  **HCM team:**  + Tin Nguyen  **MINT:**  +Phuong Pham | Manage the testing process:  + Provide technical guides  + Manage resource  + Process Report |
| Tester | 3  **HCM Team:**  + Tin Nguyen  + Phong Huynh  + Ric Ly | Execute the test:  + Test the software  + Test logs  + Test reports |
| System Management | 1  + Phong Huynh | Ensure system environment:  +Provide needed test environments  + Install needed application for testing  + Reports system status |

* 1. System resource

|  |  |
| --- | --- |
| **Type of resource** | **Description** |
| Web Server | Customer Version (stable)  + sever IP: 96.43.202.96  + remote account: tuan.nguyen/Admin097097--  + Database name:  + Database account: |
| Test Version  + server IP:  + remote account:  + database name:  + database account: |
| PCs for testing | PC or laptop of the testers  OS: Windows 7 64bit/32bit  Browsers: IE 8/9 /Chrome/ Firefox/ Opera/ Safari |
| Tablets for testing | NOT AVAILABLE.  We don’t have one yet |
| Phones for testing | + Safari [iPhone 4 - 8G – iOS 6.1.2] |

1. TESTING SCHEDULE

|  |  |  |
| --- | --- | --- |
| **Tasks** | **Start Date** | **End Date** |
| Planning |  |  |
| Testing |  |  |
| Evaluating the testing result |  |  |

1. TEST RESULTS/REPORTS
   1. Test logs (documents of test bugs when execute a test)

Information included in a test log file:

Does the test get the expected result?

Is there a bug in a test case?

If there’s a bug, right a bug report in that test case/test suite.

Does the test suite describe the real action in real life?

Any suggestion for the test case/test suite?

What need to be logged?

Test process

System environment

Bug

* 1. Bugs Reports (show the methods/tools for auditing/monitoring bugs)