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| Logo_FPT_University_doc | **MINISTRY OF EDUCATION AND TRAINING** |

**FPT UNIVERSITY**

**CAPSTONE PROJECT DOCUMENT**

**<Project Code>**

**Report #5 – Software Test Documents**

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| **<Group Code>** | |
| **Group Member** | <ID - Name> |
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| **Project Code** | <Code> |

- Hanoi, 05/2012 -

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# INTRODUCTION

## Purposes

The main purpose of this test document is for end user and project team to evaluate whether the built system meet the specify requirement as stated in software requirement document, if this test document fails that mean the system don’t match the specify user requirement and the system might go through rejection.

This document describes the approach and methodologies to be used by the software testing group to evaluate the application, both implementation details of test case and technical details of the system.

## System Overview

# TEST PLAN

## Scope of Testing

There are three main types of Testing in our project : Unit Test, Integration Testing and System Test. Developers of this system are require to built the system using the Test based approach which they will have write unit test for all component of the system. Testers will handle the remaining type of testing required in this system.

* **Unit testing**
* The purpose of doing this type of testing is to verify the internal logic and algorithm of the system, every possible input combination will be tested, this is also known as test coverage.
* Unit testing is a software development process in which the smallest testable parts of an application, called units, are individually and independently scrutinized for proper operation. **Unit testing** can be done manually but is often automated.
* **Integration Testing**
* Sometimes called integration and testing, abbreviated I&T) is the phase in software testing in which individual software modules are combined and tested as a group. It occurs after unit testing and before validation testing.
* **System Testing**
* is a level of the software testing where a complete and integrated software is tested. The purpose of this test is to evaluate the system's compliance with the specified requirements. Definition by ISTQB. System testing: The process of testing an integrated system to verify that it meets specified.

## Requirements for Testing

### Test Items

* Unit Testing
  + All Web Methods will be properly tested
* Integration Testing
  + All Component
* System Testing
  + All Web Page

### Acceptance Test Criteria

<Phần mô tả chi tiết các điều kiện chấp nhận cho giai đoạn acceptance testing>

### Testing Risks

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## Test Strategies

### Test Policies

................

### Test Model

### Types of Testing

### Test Stages

### Tools/Environments

### Resources

# TEST CASES

## <UC 001 - Name>

## <UC 002 - Name>

# CHECKLISTS

<>

# TEST LOGS

## Defect Logs

<Report defects found in the project>

## Test Reports

<Test report of the project>

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| --- | --- | --- | --- |
| **Project Name** | Smart Medicine Dictionary | **Creator** | ThuNH |
| **Project Code** | SMD | **Reviewer/Approver** | SangNV |
| **Document Code** |  | **Issue Date** | August 1­­0th 2013 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Module code** | **Pass** | **Fail** | **Untested** | **N/A** | **Number of test cases** |
| **xxx module** | | | | | | |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |