

**Capstone Project Report**

**Report 5 – Software Test Documentation**

– Hanoi, August 2019 –

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# I. Project Report

## 1. Status Report

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Work Item** | **Status** | **Notes (Work Item in Details)** |
| 1 |  | Pending |  |
| 2 |  | In Progress |  |
| 3 |  | Completed |  |

## 2. Team Involvements

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Task** | **Member** | **Notes (Task Details, etc.)** |
| 1 |  | KienNT |  |
| 2 |  | TuanTV |  |
| 3 |  | AnhLM |  |

## 3. Issues/Suggestions

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Issue** | **Status** | **Notes (Solution, Suggestion, etc.)** |
| 1 |  | Pending |  |
| 2 |  | In Progress |  |
| 3 |  | Completed |  |

# II. Project Management Plan

## 1. Overall Description

### 1.1 Test Model

*[Provide the testing model for your project which fits to your selected software development process model, i.e V-Model, Iteractive, etc.]*

### 1.2 Testing Levels

*[List out and describe all testing levels that would be performed in the project: unit testing, integration testing, system testing, acceptance testing (alpha, beta),..]*

### 1.3 Testing Types

*[List out and describe all testing levels that would be performed in the project: functional testing, non-functional testing, structural testing, changes testing, etc.]*

## 2. Test Plan

### 2.1 Test Stages

*[Clearly state the stage in which the test will be executed. Identified below are the stages in which common test are executed]*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type of Test** | **Stage of Test** | | | |
| ***Unit*** | ***Integration*** | ***System*** | ***Acceptance*** |
| <Function Test > | X | X | X | X |
| <User Interface test> | X |  | X |  |
| <Performance Tests  (Performance profiles of individual components)> | X | X |  |  |
| <Load, Stress, Volume test> |  |  | X | X |
| <Security test> | X |  | X |  |
| <Data integrity test> |  | X | X |  |

### 2.2 Resources

#### a. Human Resources

*[List and provide the details on roles and responsibilities of the project members who would involve in testing works, in the table format as below]*

|  |  |  |
| --- | --- | --- |
| **Worker/Doer** | **Role** | **Specific Responsibilities/Comments** |
|  |  |  |
|  |  |  |

#### b. Environment

*[List and provide the details about the tools (software, hardware, infrastructure) which the project would use for testing. The information can be provided in the table format as below]*

|  |  |  |  |
| --- | --- | --- | --- |
| **Purpose** | **Tool** | **Provider** | **Version** |
|  |  |  |  |
|  |  |  |  |

### 2.3 Test Milestones

*[Separate test milestones, which should be identified to communicate project status accomplishments. The information can be provided in the table format as below]*

|  |  |  |  |
| --- | --- | --- | --- |
| **Milestone Task** | **Effort (md)** | **Start Date** | **End Date** |
|  |  |  |  |
|  |  |  |  |

### 2.4 Deliverables

*[Define delivery of Testing. Refer to the Project Management Plan for more details]*

|  |  |  |
| --- | --- | --- |
| No | Deliverables | Due Date |
| 1 |  |  |
| 2 |  |  |

## 3. Test Cases

*[Prepare the details on the test cases following the provided template*

* *Unit Test Cases: Report5\_Unit Test Case.xls*
* *Other Test Cases: Report5\_ Test Case.xls]*

## 4. Test Reports

*[Provide the test result, statistics and the relevant test analysis for your testing in the project]*