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# **TEST PLAN**

1. **Information of members**

|  |  |  |  |
| --- | --- | --- | --- |
| **Full name** | **MSSV** | **Date of birth** | **Phone number** |
| Phan Tai Duc | 19211TT1501 | 04/03/2001 | 0326861356 |
| Nguyen Huu Thang | 19211TT3434 | 16/09/2001 | 0844370255 |
| Pham Tuan Anh | 19211TT1859 | 01/07/2001 | 0924592592 |
| La Duc Thang | 18211TT5260 | 30/08/1999 | 0928515744 |

1. **Introduction**

This is Test Plan for the Defect Management project.

This test plan is given purpose:

* Define basic information about the project, tested and untested functions
* Test requirements
* What testing strategies should be used
* Estimate resource requirements and costs for testing
* Documents created after testing

Defect Management is the software be used

1. **Test Items**

Defect Management System version 1.0

## **Features to be tested**

|  |  |  |
| --- | --- | --- |
| **Fuction Name** | **Name of project** | **Detailed description** |
| Add defect | DMS | Allows Testers or developers to add a Defect to the Defect list |
| Defect List | DMS | Added Defects will move to Defects list, where you can review added Defects, Defect can be edited and Defect deleted |
| Attachment | DMS | Here, testers or developers can select and download attachments, like images, php files, etc. Up to 4 attachments |
| Export Defect | DMS | Users export Defects to excel files |

## **Feature not to be tested :**

A. Completeness and security of Software

Not required in the plan

B. Network Security

Not required in the plan

C. Non-functional

Not required in the plan

1. **Aproach :**

First, we use Unit Testing method, after having made sure the separate functions work as required, we use Integration Testing method to test the connection between functions. In both of the above methods, all use the Black-box approach.

1. **Pass/Failed criteria :**

1.Item pass

An item is considered to have passed the test when the test execution results show that the actual result is the same as the expected result in the test case.

2. Item fail

When the actual results differ from the desired results in one or more points, they are evaluated as fail

1. **Suspention Criteria And Resumption requirements**

1**.** Suspension

After executing the entire test case, if the report shows 40% of the test cases failed, then the testing process will not continue. The test team has to pass the results to the development team to fix all the existing bugs.

2.Resumption

Software can be considered suitable for use if more than 90% of test cases are successful. Of course, the failed test cases are not part of the important functions that affect the correctness of the DMS

1. **Test Deliverable:**

|  |  |  |
| --- | --- | --- |
| **Deliverable** | **For** | **Date / Milestone** |
| Test Plan | Project Manager; QA Director; Test Team | 28/5/2021 |
| Traceability Matrix | Project Manager; QA Director | 27/5/2021 |
| Test Results | Project Manager | 29/5/2021 |
| Test Status report | QA Manager, QA Director | 30/5/2021 |
| Metrics | All team members | 31/5/2021 |

1. **Test Task:**

+1.1 Add Defect

+1.2 Attachment

+1.3 Defect List

+1.4. Defect List View or Edit

+ 1.5 Batch Update Defect

+ 1.6 Export Defect

1. **Environmental Need:**

+ OS Version: IE6+, VMWare Workstation, win xp (simulator environment)

+Test Devices: PC Win 10, Laptop Win 10

+Test Tools: VMWare Workstation (Window XP, IE 6++)

1. **Responsibilities:**

+Test Manager: Manage the whole project define project directions acquire appropriate resources

+ Tester: Identifying and describing appropriate test techniques/tools/automation architecture Verify and assess the Test Approach Execute the tests, Log results, Report the defects.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Schedule: |  | | |  | |
| Mission: | Role: | | | Expected: | |
| Creare Testing | Test Design | | | 4Cilent/252h | |
| Complete Testing | Tester,Leader,Manager | | | 4Cilent/252h | |
| Report Testing | Tester,Leader,Manager | | | 2Cilent/24h | |
| Sumary | Tester,Leader,Manager | | | 4Cilent/24h | |
| All | Leader | | | 4Cilent/552h | |
| Risks: | |  | | | | | |
| Risks: | | Deal: | | | | | |
| Teamate lack of skill | | Share project,Give them more times | | | | | |
| Times bot enough | | Prioritize key functions | | | | | |
| Leader dead | | Every one take care each other | | | | | |
| Team not unite | | Leader assemble and help team get over | | | | | |
| **Approvals:** |  | |  | |  | |  | |  |  |  |
|  |  | |  | |  | |  | |  |  |  |
|  |  | |  | |  | |  | |  |  |  |
| Standard of suspension | | |  | |  | |  | |  |  |  |
| If team members report that 40% of test cases are faulty, the test will be suspended until the team  fixes the above defect cases. | | | | | | | | | | | |
| Exit standard | | |  | |  | |  | |  |  |  |
| Set criteria for successful completion of test content Mandatory Run Rate of 100%  if no obvious reason Pass rate of 80% if pass rate is required | | | | | | | | | | | |