

**Test Plan**Project Name :

**DOCUMENT DISTRIBUTION AND REVIEW HISTORY**

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| Date | Author | Version | Change Reference |
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**Distribution**

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| [Testing Manger](http://npim.aas.com.sa:2020/NPIM/roles/Technical%20Team%20Leader_749253FC.html?nodeId=82ed9b3d) | *<Testing Name>* |
| Project Manager | *< Project Manager Name>* |

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1. Document Purpose

The purpose of the Test Plan is to outline and communicate the intent of the testing effort for a given schedule and gain the acceptance and approval of the stakeholders in the test effort. It defines the goals and objectives of testing within the scope of the project, the items being targeted, the approach to be taken, the resources required and the deliverables to be produced.

1. REFERENCES

*This subsection provides a complete list of all documents referenced elsewhere in the Project Plan.*

*Identify each document by title, report number if applicable, date, and publishing organization. Specify the sources from which the references can be obtained. This information may be provided by reference to an appendix or to another document.*

*For the Test Plan, the list of referenced artifacts includes:*

* *User Stories*
* *Project Plan*

1. Scope of Testing

*The aim of this section is to detail out the in scope and out of scope requirements for testing, Iteration Plan is used as source for this. The reason for ‘out of scope’ is captured in comments column.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User Story** | **In Scope?** | **Why is not in Scope?** | **Test Type** | **Staging Test?** | **Pre-Production Test?** |
|  |  |  | Choose an item. |  |  |
|  |  |  | Choose an item. |  |  |
|  |  |  | Choose an item. |  |  |

**In Scope?** Yes, No. **Test Type**: Functional, Compatibility, Performance or Security. **System Integration Test?** Yes, No. **Pre-Production Test?** Yes, No

Test Assumptions, Constraints & Dependencies

* 1. Test Assumptions

*<Assumptions are factors that, for planning purposes, are considered to be true or certain without any proof or demonstration. Capture all possible assumptions which are valid for all stages of testing.>*

* 1. Constraints

*It is important to note that all stakeholders should strive to re-define constraints into the scope statement, where possible. This list should be absolute, and not an endless list of constraints.*

* 1. Dependencies

*This sub-section requires the test team to create an initial Dependency Management Log. List any external dependencies for the Software Development Project.*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Predecessor Project** | **Predecessor Task** | **Successor Project** | **Successor Task** | **Impact of  Overrun** | **Actions** |
| *elaborate* | *elaborate* | *elaborate* | *elaborate* | *elaborate* | *elaborate* | *elaborate* |
|  |  |  |  |  |  |  |

1. Data Test Management

*Capture the test data management details in below table.*

*Source of Data: capture the way in which the data will be created in test environment like production cut or data population using scripts etc.*

*Cleansing / Re-Set Procedures: Actions required to cleanse the data (usually after the test execution) or re-set /roll back of data to its original state so that the data can be re-used.*

|  |  |  |
| --- | --- | --- |
| **System Integration Testing** | | |
| **Test Type** | **Source of Data** | **Cleansing / Re-Set procedure** |
| Functional Test | Choose an item. | Choose an item. |

**Source of Data**: Manual, Parameters. **Cleansing/Re-Set Procedure**: Cleansing, Re-Set.

|  |  |  |
| --- | --- | --- |
| **Pre-Production Testing** | | |
| **Test Type** | **Source of Data** | **Cleansing / Re-Set procedure** |
| Functional Test | Choose an item. | Choose an item. |

**Source of Data**: Manual, Parameters. **Cleansing/Re-Set Procedure**: Cleansing, Re-Set.

1. Execution Management
   1. Test Execution Plan

*Based on the Iteration plan, describe the test execution approach and capture the details in below table. Test Execution Approach: Identify the tests that need to be repeated (includes regression tests) if a new release is received. These tests are to check the quality of the build received and impact of build with rest of the tested system components.*

*Release Acceptance Criteria: One or more conditions when not met will result in testing team reject the build received for testing (e.g. critical functions/features worked previously but no more after the release, smoke tests failure.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Iteration** | **Test Level** | **Test Type** | **Test Execution Approach** | **Release Acceptance Criteria** |
|  |  | Choose an item. |  |  |
|  |  | Choose an item. |  |  |
|  |  | Choose an item. |  |  |

**Test Level**: System Integration Test, Pre-Production Test

**Test Type**: Functional Testing (Manual), Functional Testing (Automated), Performance Testing, Security Testing, Compatibility Testing

* 1. Test Completion Criteria

*Capture the suspension and exit criteria for the selected test level & test type. Use the Organizational test strategy as input. Capture project specific criteria’s as well.*

*Exit Criteria: One of more conditions when met would determine the completion of test level & test type.*

|  |  |
| --- | --- |
| **Staging Test** | |
| **Test Type** | **Exit Criteria** |
| Functional Test |  |

|  |  |
| --- | --- |
| **Pre-Production Test** | |
| **Test Type** | **Exit Criteria** |
| Functional Test |  |

* 1. Bugs Management

|  |  |  |
| --- | --- | --- |
| **Staging Test** | | |
| **Severity** | **Resolution / Workaround timelines** | **Defect Review Frequency** |
| 1 - Critical |  |  |
| 2 - High |  |  |
| 3 - Medium |  |  |
| 4 - Low |  |  |

|  |  |  |
| --- | --- | --- |
| **Pre-Production Test** | | |
| **Severity** | **Resolution / Workaround timelines** | **Defect Review Frequency** |
| 1 - Critical |  |  |
| 2 - High |  |  |
| 3 - Medium |  |  |
| 4 - Low |  |  |

1. Test Team Structure

*Capture the proposed test team structure across selected test levels / test types.*

1. Testing Environment

*Based on Test Policy*

1. Baselines Approval Sheet

|  |
| --- |
| **Version** |
| **[3]**  **Testing Manger** | **[3]**  **Project Manager** |
| *Version No.* | *Name, Signature and Date* | *Name, Signature and Date* |
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