Testing Strategy

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PPM #** |  | **Project Name** | |  |
| **Author** |  | **Date** |  | |

**The role of this document is to detail the commitment that the Testing Team will be making to the various stakeholders of content being tested. This document can be modified during a release cycle with the consent of all parties who commit to it, or with the approval of project management. Changes being made to this document without the approval of all members of the document or project management will invalidate the commitment being made by Testing Team in the Exit Criteria and Testing Executive Summary sections.**

# Testing Strategy

*This section details the specific testing strategies used.*

*Select the types of tests to be executed for this project. Double-click the checkbox and select “Checked” as a default value. Complete the corresponding section for each type selected.*

|  |  |  |
| --- | --- | --- |
| |  |  | | --- | --- | | Pre-Modification Testing (Baseline)  Unit Testing (Developer)  Functional Test  Integration Testing  Process (End-to-End) Testing | User Acceptance Testing  Load Testing  Parallel Testing  Regression Testing  Post-Production Testing | |

# Testing Executive Summary

*This section will detail specifically what content is going to be tested. spirit of this section is to give the reader an overview of the testing effort to be performed and in what timeframes it will be performed. Test Duration represents the estimated testing time in weeks. Please add or remove subsection(s) as needed.*

## TST

| **Test Duration** | **Items in Scope** | **Items Out of Scope** |
| --- | --- | --- |
|  |  |  |

## QAT

| **Test Duration** | **Items in Scope** | **Items Out of Scope** |
| --- | --- | --- |
|  |  |  |

## UAT

| **Test Duration** | **Items in Scope** | **Items Out of Scope** |
| --- | --- | --- |
|  |  |  |

# Testing Resources

*This section will detail which people and specific hardware/software and tools available to be utilized by the testing team outside of the normal toolset in order to complete Test Execution. Any additional or new resources, such as specific hardware that is required, or new software will be detailed in this section.*

* [LIST RESOURCES HERE]

# Entrance Criteria

*The Entrance Criteria section of the document details the expected state of the system being tested when it reaches the test team in order to meet the specified Test Start and Test Complete dates from the Executive Summary. If the Entrance Criteria is not met, then a release is not considered to be ready to enter testing and the Test Complete date from the Executive Summary is no longer a firm commitment. The Entrance Criteria ensures that the testing team can effectively begin their work (e.g., Test Accounts are Created, Production Refreshed, etc.).*

* [LIST CRITERIA HERE]

# Exit Criteria

*The section details the commitments that testing team must meet in order to consider Test Execution to be completed for a release. One of the primary methods that testing team can provide value to the project is meeting the Exit Criteria. The following items are examples of expected content of the Exit Criteria section:*

* *Percentage of feature test execution completed*
* *Positive testing completed*
* *New test case summary completed*

*List exit criteria below.*

* [LIST CRITERIA HERE]

# Business Process Testing

*This section is a list of the test that will be executed by the testing team. This section is generated by the testing team in order to give the business, development team, or management the opportunity to see what has been tested at a glance. Any additional testing can be requested or suggested for this section. If you already have test scripts created, please provide a link either to the Test Script Workbook or specify where any Test Sets are stored within UFIT’s Application Lifecycle Management (ALM) tool.*

[INSERT LINK HERE]

*The following format should be followed:*

| **Business Process to be Tested** | **Do tests currently exist?** | **Test Execution Environment(s)** | **Test User IDs** |
| --- | --- | --- | --- |
|  |  |  |  |

# Testing Risks

*This section will document any risks identified by Testing Team which could impact the Test Execution, as well as their mitigation when appropriate. The following are areas that may detailed in this section: Vacation/Holiday time, Illness, Network/Hardware/Software issues, Staffing access, Complexity of defects that could be discovered, Complexity of items being tested, Late Change Requests, Lack of training, Lack of understanding of items being tested, Documentation missing.*

The following risks represent items which could impact the Analyst’s ability to successfully achieve our test plan targets.

| **Risk** | **Likelihood** | **Impact** | **Mitigation Strategy** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |

# Sign-off