PRJ 00000 PM2 SDLC Development Unit Test Specification

**Unit Test Specification**

**<Project Name>**

***General Information***

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| --- | --- |
| Clarity Project #: | <PRJ-xxxx> |
| Project Name: | **<Project Name>** |
| Project Sponsor: | <Sponsor Name> |
| Project Manager: | <Project Manager Name> |
| Author: | <Author Name> |
| Attachments: | <Attachments Description> |
| Location: | <File Location in SharePoint/Documentum> |

***Revision / Change History***

|  |  |  |  |
| --- | --- | --- | --- |
| Revision Level | Revision Date | Revision Author | Description of Changes |
| 0.1 | <date> |  | Initial Version |
|  |  |  |  |

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| --- | --- | --- | --- |
| **Reviewed By** | **Comments** | **Test Spec Review Date** | **Test Results**  **Review Date** |
| <developer> |  |  |  |
| <business analyst> |  |  |  |
| <technical analyst> |  |  |  |
| <quality assurance> |  |  |  |
| <process SME> |  |  |  |

*For* *each Detailed Functional Requirement, there must be one or more Test Scenarios below. This document outlines the specific set up, steps taken, and expected results for each scenario and allows for a method of recording the success of each. A Unit Test should be designed to test the smallest testable portion of an application or system, typically a section of source code or individual piece of hardware. As much as possible, each test case should be independent of others, yet a series of unit tests may be pulled together later to produce System Tests.*

*Note: After completing this document you should:*

* *Remove all Instructions by doing the following: Select a section of Instructions > Right Click > Select ‘Styles” > Select ‘Select Text with Similar Formatting’ > Press ‘Delete’*

# Detailed Functional Requirement being tested

*Reference the Detailed Functional Requirements document that this unit test will be performed for.*

# Test Scenario 1

Description of scenario and purpose. Each business process can have one or more test scenario. Test scenarios and their associated test cases should be of sufficient detail to prove the viability of the system and validate all normal processing with major exception testing. All major branches of system logic and flow must be exercised, but not necessarily all options within each branch. The Test Strategy should help guide the level of detail required in the test scenarios and cases.

# Pre-Condition(s):

What must be in place in order to successfully execute this scenario? This can be data, system, system state, etc.

# Test Case #:

Unique identifier for this test case. This # should also be recorded in the Functional Requirements Traceability Log to ensure that each functional requirement has at least one test case. Each Test scenario can have one or more test case. As an alternative, test results may also be recorded in a single location for the project (i.e Excel, eRoom). While a test case may be executed multiple times, especially when the actual results do not match expected results and corrective work is necessary, the final recorded copy of the specifications only needs to contain the final, successful scenarios and test cases.

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| **Test Step** | **Test Steps & Data** | **Expected Results** | **Actual Results** | **Tested By** | **Date** |
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# Test Case #:

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| --- | --- | --- | --- | --- | --- |
| **Test Step** | **Test Steps & Data** | **Expected Results** | **Actual Results** | **Tested By** | **Date** |
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# Test Scenario 2

# Pre-Condition:

# Test Case #:

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| --- | --- | --- | --- | --- | --- |
| **Test Step** | **Test Steps & Data** | **Expected Results** | **Actual Results** | **Tested By** | **Date** |
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