Test Plan

For the

Observatory Scheduler

by

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Matthew Bunch

Ryan Sharp

Of

Team Observatory Project

Revision 1.0.0

As of: January 26, 2015

**Change Log:**

|  |  |
| --- | --- |
| **Revision** | **Change Note(s)** |
| 1.0 | * Initial release |

**Reviewed and Approved By:**

Name Signature Date

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# Introduction

## Purpose of Test Plan Document

The purpose of the test plan is assure all requirements are satisfied along with testing the functionality of each module individually and systematically. The test plan will be a guideline to follow to assess the progress of the final product. Various test will

# COMPATIBILITY Testing

## Test Risks / Issues

[Describe the risks associated with product testing or provide a reference to a document location where it is stored. Also outline appropriate mitigation strategies and contingency plans.]

## Items to be Tested / Not Tested

[Describe the items/features/functions to be tested that are within the scope of this test plan. Include a description of how they will be tested, when, by whom, and to what quality standards. Also include a description of those items agreed not to be tested.]

|  |  |  |  |
| --- | --- | --- | --- |
| **Item to Test** | **Test Description** | **Test Date** | **Responsibility** |
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|  |  |  |  |
|  |  |  |  |

## Test Approach(s)

[Describe the overall testing approach to be used to test the project’s product. Provide an outline of any planned tests.]

## Test Regulatory / Mandate Criteria

*[Describe any regulations or mandates that the system must be tested against.]*

## Test Pass / Fail Criteria

[Describe the criteria used to determine if a test item has passed or failed its test.]

## Test Entry / Exit Criteria

[Describe the entry and exit criteria used to start testing and determine when to stop testing.]

## Test Deliverables

[Describe the deliverables that will result from the testing process (documents, reports, charts, etc.).]

## Test Suspension / Resumption Criteria

[Describe the suspension criteria that may be used to suspend all or portions of testing. Also describe the resumption criteria that may be used to resume testing.]

## Test Environmental / Staffing / Training Needs

[Describe any specific requirements needed for the testing to be performed (hardware/software, staffing, skills training, etc).)]

# System Testing

## Test Risks / Issues

[Describe the risks associated with product testing or provide a reference to a document location where it is stored. Also outline appropriate mitigation strategies and contingency plans.]

## Items to be Tested / Not Tested

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# Unit Testing

## Test Risks / Issues

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## Items to be Tested / Not Tested

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| **Item to Test** | **Test Description** | **Test Date** | **Responsibility** |
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## Test Environmental / Staffing / Training Needs

[Describe any specific requirements needed for the testing to be performed (hardware/software, staffing, skills training, etc).)]

# User Acceptance Testing

## Test Risks / Issues

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## Items to be Tested / Not Tested

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## Test Environmental / Staffing / Training Needs

[Describe any specific requirements needed for the testing to be performed (hardware/software, staffing, skills training, etc).)]

# Test Plan Approval

The undersigned acknowledge they have reviewed the *<Project Name>* **Test Plan** document and agree with the approach it presents. Any changes to this Requirements Definition will be coordinated with and approved by the undersigned or their designated representatives.

[List the individuals whose signatures are required. Examples of such individuals are Business Steward, Technical Steward, and Project Manager. Add additional signature lines as necessary.]

|  |  |  |  |
| --- | --- | --- | --- |
| Signature: |  | Date: |  |
| Print Name: |  |  |  |
| Title: |  |  |  |
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| Role: |  |  |  |

Appendix A: References

[Insert the name, version number, description, and physical location of any documents referenced in this document. Add rows to the table as necessary.]

The following table summarizes the documents referenced in this document.

|  |  |  |
| --- | --- | --- |
| **Document Name and Version** | **Description** | **Location** |
| *<Document Name and Version Number>* | *[Provide description of the document]* | *<URL or Network path where document is located>* |

Appendix B: Key Terms

*[Insert terms and definitions used in this document. Add rows to the table as necessary. Follow the link below to for definitions of project management terms and acronyms used in this and other documents.*

*http://www2.cdc.gov/cdcup/library/other/help.htm*

The following table provides definitions for terms relevant to this document.

|  |  |
| --- | --- |
| **Term** | **Definition** |
| *[Insert Term]* | *[Provide definition of the term used in this document.]* |
| *[Insert Term]* | *[Provide definition of the term used in this document.]* |
| *[Insert Term]* | *[Provide definition of the term used in this document.]* |