**WIL Report Management System**

Software Requirement Specification

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By

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**Document History**

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| **Document Name** | **Version** | **Status** | | **Date** | **Viewable** | **Reviewer** | **Responsible** |
| **Documents** | | | | | | | |
| WRMS- TestPlan\_V.0.1.docx | Created document  - Add Chapter I  - Add Chapter II - Add Chapter III  - Add Chapter IV | | Draft | 27-02-2017 | PS,VI | PS,VI | PS,VI |
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# Chapter I | Introduction

## Purpose

The purpose of test plan document is to ensure that all functional requirements are implemented as in SRS documentation as well as provide an approach of unit and system testing. This test plan also helps to manage changes in the early phase of the project since we got more information and revise the plan.

## Scope

The scope of this test document includes test objectives, test duration, Responsibility person, Test strategy, planning of unit and system testing with test data, and testing activities. WRMS implement both of white box testing and black box testing techniques. We implemented white box testing to control structure of testing design procedure to derive test cases. Black box testing uses for derive set of input data and possible conditions.

## Acronyms and Definitions

|  |  |
| --- | --- |
| **Acronyms** | **Definitions** |
| UTC | Unit Test Case |
| STC | System Test Case |
| SRS | Software Requirement Specification |
| WRMS | WIL Report Management System |

# Chapter II | Test Procedure

## Test Objectives

The objectives of testing WIL Report Management System are

1. Identify the faults – Finding the fault which cause the failure.
2. Correct and remove the faults – Fixing errors and remove faults.
3. Ensure that all functionalities are implemented correctly.

## Test Duration

|  |  |
| --- | --- |
| **Progress** | **Date and Duration** |
| Progress I | Perform date: 4 March -12 March 2017  Duration: 9 days |
| Progress II | Perform date:  Duration: days |
| Final Progress | Perform date:  Duration: days |

## Test Responsibility

|  |  |
| --- | --- |
| **Item** | **Responsibility** |
| Unit test | VI |
| Record of unit test | VI, PS |
| System test | VI, PS |
| Record of system test | VI, PS |

## Test Strategy

WRMS performed testing strategy by the following steps:

1. Design test cases
2. Prepare test data
3. Determine the expected result
4. Perform testing
5. Record all results

## Result of Testing

The results are separate into two parts:

1. Actual result: The actual results after testing
2. Pass/ Fail result:
   1. Pass: The actual result which match with the expected result.
   2. Fail: The actual result which does not match with the expected result.

## Test Environment

# Chapter III | Unit Test

# Chapter IV | System Test