

**Software Test Documentation (STD) for**

**<Project Name>**

|  |  |
| --- | --- |
| **Checked and Approved By** | **Prepared By** |
| <Signature>  <Full Name> | <Signature>  <Full Name> |
| <Document Version> | <Document Version> |
| <Date> | <Date> |

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **REVISION NO.** | **CONTENTS OF REVISION** | **CHECKED**  **BY** | **PREPARED BY** |
| <0.01> | <Created> | <Supervisor/Lecturer Name> | <Student Name> |
| <0.02> | <Updated Section XX based on review comments from *Supervisor/Lecturer name* > | <Supervisor/Lecturer Name> | <Student Name> |
| <1.00> | <Baseline> | <Supervisor/Lecturer Name> | <Student Name> |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# Table of Content

Contents

[Table of Content i](#_Toc498499966)

[1.0 Introduction 1](#_Toc498499967)

[1.1 System Overview 1](#_Toc498499968)

[1.2 Test Approach 1](#_Toc498499969)

[2.0 Test Plan 2](#_Toc498499970)

[2.1 Feature to be Tested 2](#_Toc498499971)

[2.2 Features not to be Tested 2](#_Toc498499972)

[2.3 Testing Tools and Environment 2](#_Toc498499973)

[3.0 Test Cases 3](#_Toc498499974)

[3.1 Test Cases Specifications 3](#_Toc498499975)

[3.2 Test Procedure Specifications 3](#_Toc498499976)

[5.0 Test Incident Report 5](#_Toc498499977)

[5.0 Test Summary 7](#_Toc498499978)

# 

# 1.0 Introduction

|  |
| --- |
| 1.1 System Overview <Provide the purpose of Software Test Document. Provide main functionality of the system> 1.2 Test Approach |

<Elaborate on the type of test to be performed and its selection rationale.>

# 2.0 Test Plan

|  |
| --- |
| 2.1 Feature to be Tested *<Briefly elaborate on items to be tested - Specify the features that will be tested in the current test phase (test phase: feature test, regression test, performance test, usability test, acceptance test etc). Elaborate on the test design or selection which should give confidence in ensuring good test coverage (requirement, multi-perspective), and thereby meeting quality goals.>* 2.2 Features not to be Tested *<Briefly elaborate on items not to be tested. Provide reasoning on not tested items and possible associated risks (if any).- Specify the features that will not be tested in the current phase. Justification for feature exclusion must be provided.>* 2.3 Testing Tools and Environment *<Specify the resources will be needed for testing. This includes details on testing tools, test environment, related hardware and software etc.>*  2.3.1 Testing Tools  2.3.2 Testing environment  2.3.2.1 Software  2.3.2.2 Hardware  2.3.2.3 Others |
|  |

# 3.0 Test Cases

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3.1 Test Cases Specifications 3.1.1 Test Case 1   |  |  | | --- | --- | | **Test Case ID** |  | | **Related Feature ID** |  | | **Objective** |  | | **Test Input Data** |  | | **Expected Result** |  |   3.1.2 Test Case 2  …..  3.1.3 Test Case n 3.2 Test Procedure Specifications 3.1.1 Test Procedure 1   |  |  | | --- | --- | | **Test Procedure ID** |  | | **Objective** |  | | **Test Cases To Be Executed** |  | | **Set Up** |  | | **Wrap Up** |  |   3.1.2 Test Procedure 2  …..  3.1.3 Test Procedure n |
|  |

# 5.0 Test Incident Report

|  |  |
| --- | --- |
| Incident report identifier | |
| Scope |  |
| References |  |

|  |  |  |
| --- | --- | --- |
| Test Incident Number: | |  |
| Summary | | |
|  | | |
| Date and Time Incident: | |  |
| Context: | |  |
| Description of Incident | | |
| Test Procedure: |  | |
| Test Data: |  | |
| Expected Result: |  | |
| Actual Result: |  | |
| Unexpected Outcome: |  | |
| Procedure to reproduce the incident |  | |
| Test Environment |  | |
| Attempt to repeat |  | |
| Tester’s Name |  | |
| Status of Incident | | |
| Open Assigned for Resolution Retested with the fix confirmed  Approved for Resolution Fixed | | |
| Impact | | |
| Mission Critical : Application will not function or system fails  Major : Severe problems but possible to work around  Minor : Does not impact the functionality or usability of the process is not according to requirements/design specifications | | |
| Priority | | |
| Immediate : Must be fixed as soon as possible  Delayed : System is unstable but incident must be fixed prior to next level of test or shipment  Deferred : Defect can be left in if necessary due to time or costs | | |
| Description of the corrective action | | |
|  | | |
| Conclusions and Recommendations | | |
|  | | |

# 5.0 Test Summary

|  |  |
| --- | --- |
| General Information | |
| Test Report Description |  |
| Associated test plan reference |  |

|  |
| --- |
| Summary |
| Test Status Report Summary |
| The status of the test are as follow:   |  |  |  | | --- | --- | --- | | **Number of Test Cases Planned to be Completed** | **Number of Test Cases Remaining to be Executed** | **Number of Test Cases Completed** | |  |  |  |   Current status of the Test Incident Report are as follow:   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **New (new incidents introduced in current iteration)** | **Open (Incidents discovered from previous test iteration that are still pending to be resolved)** | **Reject (Incidents that were rejected after investigation because it cannot be categorised as incident)** | **Resolved (Incidents that have been confirmed resolved)** | **Deferred (Incidents that have been deferred. Incidents are confirmed to be fixed for the next release version)** | |  |  |  |  |  | |
|  |
| Document references |
|  |
|  |
| Changes from Plans |
| |  |  |  | | --- | --- | --- | | **Number of Test Cases Remaining to be Executed** | **Number of Test Cases to be Re-executed for Re-test due to Incident raised** | **Total Number of Test Cases to be Executed and Re-executed** | |  |  |  | |
|  |
| Comprehensiveness assessment |
|  |
|  |
| Result Summary |
|  |
|  |
| Rationale for Decisions |
|  |
|  |
| Conclusion and Recommendation Based on Test Result |
|  |