**Test Plan Report**

**LINGAASYS TECHNOLOGY PRIVATE LIMITED**

**THE CHENNAI SILKS (TCS)**

**Corporate Office – Tirupur**

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## In-Scope

Describes what is being tested, such as all the functions/features of a specific project/product/solution.

# Introduction

## Purpose

Provide a summary of the test strategy, test approach, execution strategy and test management.

## Project Overview

A summary of the project, product, solution being tested.

# Scope

workflow, vendor integration.

## Out-of-Scope

Identify all features and combinations of features which will not be tested and the reasons.

# Testing Strategy

## Test Objectives

Describe the objectives. Define tasks and responsibilities.

Example:

The registrar office should test the registration workflow.

## Test Assumptions

List the key assumptions of the project and the test plan.

## Data Approach

Describe the approach on the test data maintained in QA environments for functional and user acceptance testing.

## Level of Testing

List the types of testing to be performed.

|  |  |  |
| --- | --- | --- |
| **Test Type** | **Description** | **Responsible Parties** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Unit Testing

Specify what features are to be tested.

Participants:

|  |  |  |
| --- | --- | --- |
| **Tester’s Name** | **Department/ Area** | **Role** |
|  |  | Test Manager |
|  |  | Test Lead |
|  |  | Test Analyst |

## Functional Testing

Specify what features are to be tested.

Participants:

|  |  |  |
| --- | --- | --- |
| **Tester’s Name** | **Department/ Area** | **Role** |
|  |  | Test Manager |
|  |  | Test Lead |
|  |  | Test Analyst |

## 

## User Acceptance Testing

Specify what features are to be tested.

Participants:

|  |  |  |
| --- | --- | --- |
| **Tester’s Name** | **Department/ Area** | **Role** |
|  |  | Test Manager |
|  |  | Test Lead |
|  |  | Test Analyst |

## Regression Testing

Specify what features are to be tested.

Participants:

|  |  |  |
| --- | --- | --- |
| **Tester’s Name** | **Department/ Area** | **Role** |
|  |  | Test Manager |
|  |  | Test Lead |
|  |  | Test Analyst |

# Execution Strategy

## Entry Criteria

* The entry criteria refer to the desirable conditions in order to start test execution
* Entry criteria are flexible benchmarks. If they are not met, the test team will assess the risk, identify mitigation actions and provide a recommendation.

|  |  |  |  |
| --- | --- | --- | --- |
| **Entry Criteria** | **Test Team** | **Technical Team** | **Notes** |
| Test environment(s) is available | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |
| Test data is available |  |  |  |
| Code has been merged successfully |  |  |  |
| Development has completed unit testing |  |  |  |
| Test scripts are completed, reviewed and approved by the Project Team |  |  |  |

## Exit criteria

* The exit criteria are the desirable conditions that need to be met in order proceed with the implementation.
* Exit criteria are flexible benchmarks. If they are not met, the test team will assess the risk, identify mitigation actions and provide a recommendation.

|  |  |  |  |
| --- | --- | --- | --- |
| **Exit Criteria** | **Test Team** | **Technical Team** | **Notes** |
| 100% Test Scripts executed | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |
| 90% pass rate of Test Scripts |  |  |  |
| No open Critical and High severity defects |  |  |  |
| All remaining defects are either cancelled or documented as Change Requests for a future release |  |  |  |
| All expected and actual results are captured and documented with the test script |  |  |  |
| All test metrics collected based on reports from daily and Weekly Status reports |  |  |  |
| All defects logged in Defect Tracker/Spreadsheet |  |  |  |
| Test environment cleanup completed and a new back up of the environment |  |  |  |

## Validation and Defect Management

* Specify how test cases/test scenarios should be validated
* Specify how defect should be managed
  + It is expected that the testers execute all the scripts in each of the cycles described above.
  + The defects will be tracked through Defect Tracker or Spreadsheet.
  + It is the responsibility of the tester to open the defects, retest and close the defect

Defects found during the Testing should be categorized as below:

|  |  |
| --- | --- |
| **Severity** | **Impact** |
| 1 (Blocker) | * Functionality is blocked and no testing can proceed * Application/program/feature is unusable in the current state |
| 2 (Critical) | * Functionality is not usable and there is no workaround but testing can proceed |
| 3 (Major) | * Functionality issues but there is workaround for achieving the desired functionality |
| 4 (Minor) | * Unclear error message or cosmetic error which has minimum impact on product use. |

# Environment Requirements

## Test Environments

* Specify the test environment(s) requirements
* Specify the security requirements.

# Sign Off

|  |  |  |
| --- | --- | --- |
| **Business Area** | **Business Manager** | **Tester(s)** |
|  |  |  |
|  |  |  |
|  |  |  |

# Dependencies

Identify any dependencies on testing, such as test-item availability, testing-resource availability, and deadlines.