**Test Plan**

Introduction

**Testing Scope –In scope and Out of Scope sections**

**In Scope:**

**Out of Scope**

Test Approach

1. Testing Inputs: BRD,frD
2. Types of Testing & Execution :smoke,FAT,Regression
3. Cycles of Testing: cYcle1,cycle2
4. Test Data :
5. Responsibility matrix
6. Testing Tools
7. Test Environment
8. Defect Management (Severity and Priority levels and Defect Reporting)
9. Test Criteria (Entry – Exit – Pass or Fail –Test Acceptance –Suspension –Resumption)
10. Communication Plan
11. Assumptions and Dependencies – Constraints
12. Risks and Issues

Test Schedule

Test Reports and Metrics

References and Revision History

**Test Strategy**

Purpose

Objectives

Scope

Test Approach

1. **Test Preparation and Planning**

* Requirements and CRs documents are signed off
* Test Plan and Test strategy documents are signed off
* Application overview KT to Testing team by respective members
* Requirements and CRs knowledge sharing to Testing team by respective members
* Going through the requirements and understanding the business (clarifications)
* Identifying the High level scenarios and corresponding Test cases (High levelTest coverage report)

1. **Test Development**

* System and Integration Test cases design
* Peer reviews and Onsite Coordinator reviews (Offshore & Onsite Reviews)
* Review of test coverage is conducted and signed off by Functional Stakeholders
* Final version of Approved Test cases are uploaded in HPQC
* Traceability of Test cases to use cases is established (RTM)
* Test cycles plan and schedule are determined

1. **Test Environment setup**

* Test environment and data requirements are defined and documented
* Test environment plan is documented and signed off
* Test data plan is documented and signed off
* Environment/infrastructure is installed; available for test execution
* Test data is ready
* Test Team is prepared to begin test execution
* Test readiness review is conducted and signoff from stakeholders to proceed with testing is secured
* Testing kick off meeting is conducted

1. **Test Execution**

* Test cases are executed
* Results of testing are logged
* Defects are logged
* Defects are resolved

1. **Test status tracking and Reporting**

* Test execution status is tracked and reported
* Defect status is tracked and reported
* Completion of test against exit criteria is reviewed with Stakeholders

Roles and Responsibilities

Test Deliverables

1. Test Plan
2. Test Strategy
3. RTM
4. System and Integration Test cases
5. Regression Test cases
6. Test status Reports
7. Test schedule
8. Test Summary Report

Control Procedures

1. Defect Management Approach
2. Defect Triage Team
3. Defect Closure
4. Test Metrics
5. Change Management

Revision History

Appendix