

# TEST PLAN FOR <<CARD PAYMENT>>

## *ChangeLog*

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0.1	11/03/2021	Vasanth Murali	First Draft

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# 1 Introduction

Brief introduction of the test strategies, process, workflow and methodologies used for the project

## 1.1 Scope

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### 1.1.1 In Scope

- i) Card payment system
- ii) Request messages from and to card payment system
- iii) Integration layer
- iv) Enrichment data from DW
- v) Fraud decisioning engine

### 1.1.2 Out of Scope

- i) Testing of DW layer.
- ii) Any non-functional testing
- iii) Any system other than what is mentioned in scope

## 1.2 Quality Objective

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- Ensure the Application Under Test conforms to functional requirements
- Ensure the AUT meets the quality specifications defined by the client.
- Bugs/issues are identified and fixed before go live.

## 1.3 Assumptions

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The below are the assumptions:

- i) E2E will commence once all system testing is complete, with no outstanding severity 1 or severity 2 defects.
- ii) Code will be deployed at least 3 days prior to testing execution.
- iii) Shakedown will be performed prior to testing execution.
- iv) Engagement of various support teams to aid the testing
- v) No further code changes (unless a defect fix) in the last 2 weeks of test execution.

## 1.4 Roles and Responsibilities

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<u>Role</u>	<u>Name</u>
Project Manager	<Manager Name>
Senior business analyst	<Name>
Senior developer	<Name>
Test Manager	<Name>
Test Lead	<Name>
Test analyst	<Name>

# 2 Test Methodology

## 2.1 Overview

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The testing methodology used will be WaterFall.

## 2.2 Test Levels

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The below test levels will be undertaken as a part of this test plan:

- End to end

## 2.3 Bug Triage

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- A defect triage will be held twice a week.
- The aim of the triage is resolve all open defects.

## 2.4 Suspension Criteria and Resumption Requirements

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Testing will be suspended under the following criteria:

- i) Environment is not ready or blocks any test execution
- ii) Any showstopper defects that prevent further progress

## 2.5 Test Completeness

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The below criteria defines test completeness

- 100% test coverage
- All Manual & Automated Test cases executed
- No severity 1 or 2 defects still open.

# 3 Test Deliverables

The below Test Artifacts that will be delivered during the end to end testing:

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- Test Plan
  - Test Cases
  - Test readiness report
  - Requirement Traceability Matrix
  - DSR – daily status report
  - Stakeholders' sign off
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# 4 Resource & Environment Needs

## 4.1 Testing Tools

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The below tools will be used for the E2E testing:

- JIRA
- Tosca

## 4.2 Test Environment

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The end to end testing will be performed in the T1 environment.

## 5 Terms/Acronyms

Make a mention of any terms or acronyms used in the project

TERM/ACRONYM	DEFINITION
API	Application Program Interface
AUT	Application Under Test