

Entaxy

Test Plan v0.1

24 February 2020

Revision and Signoff

Change Log

Version	Change Date	By	Description
0.1	24 Feb 2020	Pratheeba	Draft

Approvers List

Approver / Reviewer	Role	Approval / Review Date

Reference Documents

Version	Date	Document Name
1.0	18 Feb 2020	xxxBRDxxxx.doc
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1 Introduction

Entaxy is a tool meant to help users get a clearer understanding of their finances and spending habits to help better to manage them. This test plan describes the testing approach and overall framework that will drive the testing of Entaxy.

1.1 Scope

1.1.1 In Scope

Scope defines the features, functional or non-functional requirements of the software that **will be** tested.

- Functional Test: Functional testing will be performed to check the functions of application. The functional testing is carried out by feeding the input and validates the output from the application. Example: User login
- Regression Test: Few selected test cases and cases that have failed in previous cycles will be run as regression cases
- User Acceptance Test (UAT): This test focuses on validating the business logic. It allows the end users to complete one final review of the system prior to deployment
- Performance Testing: Focuses on the speed, responsiveness and stability of the application

1.1.2 Out of Scope

Out Of Scope defines the features, functional or non-functional requirements of the software that **will not be** tested: Mobile testing, web services testing

1.2 Test Levels

Test Levels define the types of testing to be executed on the Application Under Test (AUT). The testing levels primarily depends on the scope of the project, time and budget constraints.

- There will be two cycles for functional testing. Each cycle will execute all the scripts.
- The objective of the first cycle is to identify any blocking, critical defects, and most of the high defects.
- The objective of the second cycle is to identify remaining high and medium defects, remove the work-around from the first cycle, correct gaps in the scripts and obtain performance results.
- UAT test will consist of one cycle.
- Selected test cases will be run as Regression test cases

1.3 Quality Objective

The objective of the test is to verify that the functionality of Entaxy web application works according to the specifications. Below are the highlighted objectives:

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

The final product of the tests are:

- A production-ready application
- A set of stable test scripts that can be reused for Functional and UAT test execution.

1.4 Roles and Responsibilities

The following list defines in general terms the expectations related to the roles directly involved in the management, planning or execution of the test for the project.

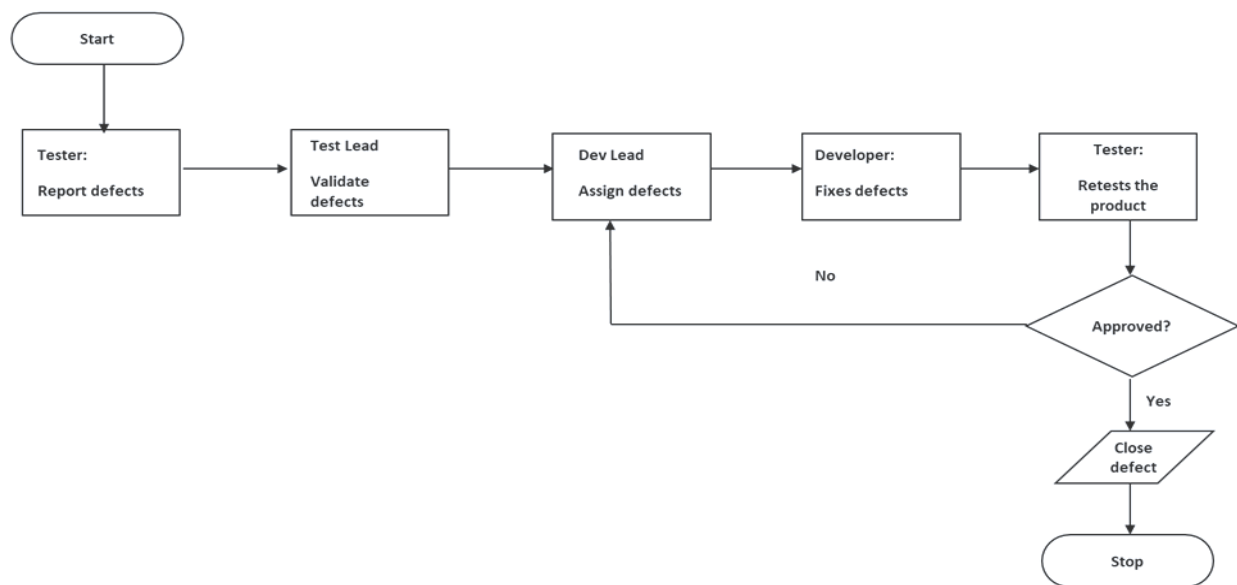
S. No.	Roles	Name	Responsibilities
1.	Project Manager		<ul style="list-style-type: none">• Reviews the content of the Test Plan, Test Strategy and Test Estimates.• Communicates with clients during escalations
2.	Test Lead		<ul style="list-style-type: none">• Develop test plan and the guidelines to create test conditions, test cases, expected results and execution scripts• Provide guidelines on how to manage defects• Attend status meetings• Communicate to the test team any changes that need to be made to the test deliverables or application and when they will be completed.• Provide support to Business Analysts and test team personnel during need• Ensure entry and exit criteria are met• Facilitate defect communications between testing team and technical / development team.
3.	Testing Team		<ul style="list-style-type: none">• Develop test conditions, test cases, expected results, and execution scripts.• Perform execution and validation.• Identify, document and prioritize defects according to the guidance provided by the Test lead.• Re-test after software modifications have been made according to the schedule.• Prepare testing metrics and provide regular

S. No.	Roles	Name	Responsibilities
			status.
4.	Development Team		<ul style="list-style-type: none"> • Keep project team and leadership informed of potential software delivery date slips based on the current schedule • Define processes/tools to facilitate the initial and ongoing migration of components • Implement fixes to defects according to schedule • Assist in the validation of results (if requested)

1.5 Defect tracking

The goal of the triage is to

- To define the type of resolution for each bug
- To prioritize bugs and determine a schedule for all “To Be Fixed Bugs”.
- To retest fixed defects



1.6 Test Completeness

- 100% test coverage
- All Manual & Automated Test cases executed
- All open bugs in JIRA are fixed or will be fixed in next release

- 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 HP ALM
- Test Closure Memo / Quality report has been completed and signed off

2 Test Deliverables

Below are the test artifacts that will be delivered during different phases of the testing lifecycle.

- Test Plan
- Test estimation
- Test Cases
- Requirement Traceability Matrix
- Bug Reports
- Test Strategy
- Test Metrics
- Customer Sign Off

3 Resource & Environment Needs

3.1 Testing Tools

Required tools to test the project

- Test management – HP ALM
- Bug Tracking Tool - JIRA
- Automation Tool – Selenium

A windows environment with the latest Internet Explorer, Firefox and Google Chrome should be available to each tester. Minimum hardware requirements that will be used to test the Application - (to be added, if any)

3.2 Test Environment

- Testing will be carried out at the company's site <https://staging.entaxy.io/>
- Environment versions on which the testing has to be carried out must be informed to the test team
- Any changes to the existing environment must be informed to the test team earlier.

4 Terms/Acronyms

TERM/ACRONYM	DEFINITION
AUT	Application Under Test