

TEST PLAN FOR <<FORMS APPLICATION>>

ChangeLog

Version	Change Date	By	Description
v1.0.0	03-07-2021	Zoltán Liptai	First draft of design
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1	INTRODUCTION	2
1.1	SCOPE	2
1.1.1	<i>In Scope</i>	2
1.1.2	<i>Out of Scope</i>	2
1.2	QUALITY OBJECTIVE	2
1.3	ROLES AND RESPONSIBILITIES	2
2	TEST METHODOLOGY	3
2.1	OVERVIEW	3
2.2	TEST LEVELS.....	3
2.3	BUG TRIAGE	3
2.4	SUSPENSION CRITERIA AND RESUMPTION REQUIREMENTS	3
2.5	TEST COMPLETENESS.....	3
3	TEST DELIVERABLES.....	4
4	RESOURCE & ENVIRONMENT NEEDS.....	4
4.1	TESTING TOOLS	4
4.2	TEST ENVIRONMENT.....	4
5	TERMS/ACRONYMS	5

1 Introduction

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

1.1 Scope

1.1.1 In Scope

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

- Forms Application: <https://forms.liferay.com/web/forms/shared/-/form/122548>
- Submission of Forms 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 :

- N/A

1.2 Quality Objective

Overall objective to achieve with the testing.

- 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

1.3 Roles and Responsibilities

Detail description of the Roles and responsibilities of different team members.

- QA Analyst
- Test Manager
- Configuration Manager
- Developers
- Installation Team

2 Test Methodology

2.1 Overview

Test methodology selected for the project:

- WaterFall
- Iterative
- Agile
- Extreme Programming

2.2 Test Levels

Test Levels define the Types of Testing to be executed on the Application Under Test (AUT).

2.3 Bug Triage

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”.

2.4 Suspension Criteria and Resumption Requirements

Suspension criteria define the criteria to be used to suspend all or part of the testing procedure while Resumption criteria determine when testing can resume after it has been suspended

2.5 Test Completeness

Criteria that will deem your testing complete. Test Completeness:

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

3 Test Deliverables

Test Artifacts that will be delivered during different phases of the testing lifecycle.

Deliverables

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

4 Resource & Environment Needs

4.1 Testing Tools

List of Tools required to test the project

- Requirements Tracking Tool : Jira
- Bug Tracking Tool : Jira
- Automation Tools :
 - @testing tool: Selenium-java-4.0.0-alpha-7 // [link](#)
 - @ide: IntelliJ IDEA v2020.2.3
 - @framework: JUnit v4.13 // [link](#)

4.2 Test Environment

Minimum **hardware** requirements that will be used to test the Application.

Following **software's** are required in addition to client-specific software.

- Windows 10
- Chrome v88.0.4324.190 or above
- Firefox v85.0 or above

5 Terms/Acronyms

Terms or acronyms used in the project

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