

1. TEST PLAN IDENTIFIER: "Acceptance Test Plan **FORMS-LTP-UAT**"

| Version | Author | Revision date |
|---------|---------------------|---------------|
| 1.0.0 | Magdalena Jedraszak | 23/06/2021 |

2. REFERENCES

| |
|--|
| Master Test Plan (FORMS-MTP_1.0.0) |
| Automated Testing Strategy document (FORMS-ATS) |

3. INTRODUCTION

This is the test plan for Liferay Forms functionality and addresses only those elements that are a part of the Liferay Forms. The primary focus is to ensure that the Form is designed and developed according to the acceptance criteria and that provides the same level of details and validation for all the to-be-provided language versions of the item.

Due to the lack of extensive documentation with the requirements, the team is expected to provide information that will be used to supplement it.

The approach of this test plan only includes the acceptance level of the testing, all other levels of testing (Unit, System/Integration, Performance) need to be specified in separate documents and be included into the Master Test Plan **FORMS-TP_1.0**.

4. SOFTWARE RISK ISSUES

Liferay Forms is a part of data entry software that helps to reduce errors, save time and keep the data under control. It demands high accuracy and clarity when collecting the data.

At the same time, it is expected that all permissions and adjustments needed while working with sensitive input data are resolved according to legal regulations and rules.

The module is poorly documented, there is no track of any change requests and no information about the replacement role of the tested item.

5. TEST ITEMS

A. Liferay Dynamic Data Mapping Form Application (web version)

6. FEATURES TO BE TESTED

6.1. Liferay Form input template;

7. FEATURES NOT TO BE TESTED

- 7.1. Mocked version of the response view which appears after changing the state (by submitting the form) - this component is still in the development stage and will be tested separately and included as a part of the integration testing in a separate test plan.

8. APPROACH

8.1. Testing Levels

The focus of testing will consist of *acceptance* tests level. With the timeline established and the maturity of the project, acceptance testing will be outsourced to a person outside of the development team. To keep the testing and documentation efficient, the Product Manager and/or development team Leader assistance will be available for consulting during the whole process. For final completion of acceptance testing all open critical and major defects must be corrected and their fix verified.

8.2. Configuration Management/Change Control

The version of the item under test will be deployed and available in the production environment, the change control will fully stay on the end of the development team leader (or person assigned by them). There will be no additional configuration needed.

8.3. Test Tools

For this particular project no test management tool is chosen, as the test approach is achievable without any supporting tool (the benefit of using a tool to complete the project in a more efficient and effective way is significantly smaller than the cost of the learning curve than if a tool is introduced). There will be, however, a set of tools used in the automation testing phase (the automation tool details are defined in the Automated Testing Strategy document).

8.4. Meetings

Meetings can be called as required for emergency situations, the test team will provide the results of the work to a Development and/or Project Manager after completing the whole test work cycle.

8.5. Measures and Metrics

The following information will be collected by the test team during all testing phases. This information will be provided at the end of the test work cycle.

- A. Defects severity.
- B. Defect Origin (Requirement, Design, Code)
- C. Time spent on defect investigation by defect, if needed, for Critical & Major only. All Minor defects can be totaled together.

- D. Defects located at higher levels that should have been caught at lower levels of testing.

9. ITEM PASS/FAIL CRITERIA

An item will be considered PASS when meeting the Expected Outcome defined in a corresponding test case.

10. SUSPENSION AND RESUMPTION CRITERIA

10.1. Suspension criteria:

There is no information about any critical and major defects acknowledged, the testing will proceed unless there is no workaround possible for a detected error.

10.2. Resumption criteria:

When the problem that cause the suspension has been resolved or a workaround indicated, testing activities will be resumed

11. TEST DELIVERABLES

- 11.1. Test Strategy Plan
- 11.2. Test report
- 11.3. Traceability Matrix draft¹

12. REMAINING TEST TASKS

| | Test Manager | Product Manager | Dev Team | Test Team | Client |
|--|--------------|-----------------|----------|-----------|--------|
| Review of the Traceability Matrix draft ² | X | X | | X | X |

13. ENVIRONMENTAL NEEDS

To support the overall testing effort at the acceptance level an access to Liferay Forms in the production environment is required. At this stage of testing the tests will be run only on Chrome Browser, any other supported browsers will be tested after creating and approving an automation test suite (vide Master Test Plan).

¹ For the purpose of this exercise we are assuming that as a result of the objectives marked in the test strategy, the information that will allow the creation of the document will be collected.

² Ibid

14. RESPONSIBILITIES

| | Test Manager | Product Manager | Dev Team | Test Team | Client |
|---|--------------|-----------------|----------|-----------|--------|
| Acceptance test Documentation & Execution | X | | | X | X |
| Test procedures and test rules | X | | | X | |

15. STAFFING AND TRAINING NEEDS

It is preferred that there will be at least one (1) full time tester assigned to the project for the acceptance testing phases of the project. If this separate test person is not available for the reviews in the beginning phase of the project, a project manager/test manager will assume this role.

Test procedures will require from the staff a basic knowledge on acceptance and validation standards for the type of the item under test.

16. SCHEDULE

Time has been allocated within the project plan for the following testing activities. The specific dates and times are defined in the test plan. The people required for each process are detailed in the test plan. Coordination of the personnel required for each task will be handled by the project manager (with the development and test team leaders if needed).

- A. Review of Requirements document (if any available) by test team personnel
- B. Development of Acceptance test plan by test team personnel (there won't be exhausting reviews possible)
- C. Review of the Detail design document(s) (if any available) by test team personnel as required
- D. Time allocated for Acceptance test processes:
 - a. Test cases preparation
 - b. Test cases execution
 - c. Findings report

17. RISKS AND CONTINGENCIES

Hard deadlines and poor documentation on the item may impact the test process significantly. Mitigation techniques for these **schedule risks** and **operational risks** may consist of prioritization of tasks and work on efficiency of the test phases (i.e. tracking the progress of individuals on daily basis, addressing any issues that are blocking the completion of tasks as soon as detected, consulting the detailed information of the item when needed for task completion). In order to the successful completion of a project,

mitigation strategy needs to be defined and its implementation accounted for by an assigned staff person.

18. APPROVALS

The Product Manager or the person assigned by them will be responsible for approving the process as complete and allow the project to proceed to the next level (vide Master Test Plan).