

Liferay Form QA Testing Interview

Test Report

CHANGELOG

Version	Change Date	Prepared by	Changes description
V01	15/11/2021	Pablo Mantas	First version

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1. Introduction

This document details the route of the testing phase on the code released as a tentative version.

2. Test Summary Report

During the testing phase, a total coverage of 100% of the product has been reached between manual and automatic tests.

As a result of the tests, a total of:

- 1 Critical Bug
- 5 Major Bugs
- 2 Minor Bugs
- 2 Low Bugs

The complete management of the Test Cases and the Bugs reported is in the file:



LFR-Form-TestCases
.xlsx

3. Variances

There have been no variations to the estimation of test cases carried out during the design and planning phase.

However, the initial estimate of the automation percentage has been reduced from 50% to 20% due to difficulties with the test environment.

Being the initial phase of the project and the first in which the generation of the continuous integration environment and test development was scheduled within the calendar, delays were already contemplated.

4. Assessment

All the tests have been executed, however, due to the critical bug LFR-FORM-BUG-0006, the verification of a complete part of the form in Portuguese could not be carried out.

5. Evaluation

As a result of the tests carried out, a critical bug has been detected that would cause the loss of information and users that if the release were carried out to a production environment.

In addition, five major bugs have been found that should be discussed among the interested teams.

As a result, the quality team cannot approve the release of this code version as a stable release.

Critical bugs should be fixed and reviewing major bugs.

To reinforce the information already detailed, please refer to the bug report document LFR-Form-BugReport

6. Summary of activities

Test Start Date: 13 November 2021

Test End Date: 15 November 2021

Activity	Owner	Planned	Reached
Design Test Plan	Pablo Mantas	5h	100%
Design Test Strategy	Pablo Mantas	3h	100%
Analyze and design Test Cases	Pablo Mantas	4h	100%
Generate dockerfile to perform a Jenkins image	Pablo Mantas	1h	100%
Configure pipeline in Jenkinsfile	Pablo Mantas	2h	50%
Generate Jenkins jobs to automate compilation of pull requests as a Continuous Integration environment	Pablo Mantas	2h	50%
Analyze Java dependences to develop automated test.	Pablo Mantas	0,5h	100%
Develop Test Scenarios with Cucumber	Pablo Mantas	2h	50%
Develop functional and non-functional automated tests in Java with Selenium, Selenium WebDriver and Junit	Pablo Mantas	4h	75%
Manage git repository	Pablo Mantas	1h	100%
Generte Bug Report document in absence of bugs management tool	Pablo Mantas	1,5h	100%
Generate Test Report document	Pablo Mantas	2h	100%

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