

Liferay Test Strategy Exercise

This document explains the strategy used to create a test plan for the manual execution done on exercise 1 and the reasons why we have selected the automated testing scenarios.

Both scenarios have the same previous considerations:

What is most important within the application?

A. Use Case Frequency: determine where there is heavy usage of a component or feature, and prioritizes those over features that are infrequently used.

B. Failure Risk Evaluation: Would a failure in a certain portion of the application be damaging to our customers, either in terms of a data loss or system downtime? Or would a failure in a certain portion of the application be less damaging?

Then:

- **Manual execution**
 1. We have selected positive scenarios using default language.
 2. We have selected negative scenarios using default language.
 3. We have selected edge scenarios using special data.
 4. We have selected security scenarios such as XSS and SQL injection, although database is not used in this form apparently.
 5. We have repeated positive scenarios using pt language.
- **Automated execution**
 1. Full Form Filled Test: Most Use Case Frequency. I have considered this scenario as the most important, so it should be tested in each commit.
 2. Empty Form Test: As we have defined all fields mandatory, we should test that all remains mandatory after each commit.