

# LIFERAY FORM APPLICATION Test Plan



Product name	Liferay QA Comment form
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Test Plan Template Version	v1.0

## Revision History

Author	Comments	Date
MMMM	Team Lead	

## Test Plan Review

Title		Date
Product Owner	XXXX	
Project Manager	YYYY	
Team Lead	ZZZZ	
QA Team Members	AAAA, BBBB	

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## 1. OBJECTIVE

The objective of this test plan is to define scope of the testing, schedules and testing tools and references.

## 2. REFERENCE DOCUMENTS

<https://forms.liferay.com/web/forms/shared/-/form/122548>

## 3. AREAS TO BE TESTED

- Language switching
- Input boxes
- Submit button
- Date selecting panel

## 4. AREAS NOT REQUIRING TESTING

Other than above.

## 5. HIGH LEVEL TEST OVERVIEW

### 5.1 INTEGRATION TEST

N/A

### 5.2 Smoke TESTS

2 User stories are in the smoke test suite. Run at 7 AM. Test result will be sent to the team's email.

## 6. ACCEPTANCE TESTS

The UAT Team will be responsible. They do alpha testing. Before release, make sure all tests are passed.

## 7. REGRESSION TESTING

Automated regression suite will be executed as part of regression. It will be performed one week before release date.

## 8. BROWSER COVERAGE

Browser compatibility (Cross browser testing)

- Chrome
- Firefox
- Microsoft Edge

## 9. AUTOMATION STRATEGY

- Use Java as programming language
- Use Maven/Selenium for front-end testing
- Use Cucumber-JUnit Framework with Page Object Model and Singleton Design Pattern
- Use GIT as version control system
- Use Jira as bug tracking tool

## 10. TESTING TIME LINES

Start Date	End Date
13.01.2021	27.01.2021

## 11. TESTING STRATEGY

- Existing functionalities will be validated as part of regression tests.
- New functionalities will be validated as part of progression tests.
- Fixed defects will be validated.

## 12. RESOURCES

### a. Human Resources:

- QA Team (AAAA, BBBB)
- UAT Team (QQQQ, PPPP, RRRR)

### b. Software Resources:

- Jira
- Jenkins
- GitHub

### c. Hardware Resources:

- Computer

## 13. RISKS & MITIGATION

	Risk	Mitigation
1	Resources is on vacation	Maintain backup resources
2	Hardware failure during testing	Maintain backup hardware resources

## 14. ENTRY CRITERIA

- Test Plan
- Unit test cases should pass

## 15. EXIT CRITERIA

- No obvious defects
- Completion of planned test cases execution

## 16. REPORTING

- Cucumber report
- Bug report