Senior Test Engineer

Testing Exercise

Introduction

Thank you for your interest in a Quality Assurance career with Liferay. As part of our application process, please complete the following testing exercise to the best of your ability. Unless alternative arrangements have been made with your local recruiter, we expect applicants to return results within two days of receiving this exercise. Late delivery of results may negatively impact your assessment score.

Deliverables

Send the recruiter a link to a public Github repo containing the following:

1. A test plan
2. 2 automated tests and supporting files
3. A bug report

Testing Exercise

The technical Exercise for Senior Test Engineer is broken into 3 parts: Test Planning / Reporting, Automated Testing, Bug Reporting.

Test Planning

Visit https://forms.liferay.com/web/forms/shared/-/form/122548 design a test plan and test report to record your findings.

Assessment

In this exercise we will assess the following:

1. Your ability to demonstrate effective test planning and test report design
2. Your ability to utilize a diversity of relevant testing approaches to test an application
3. Your ability to identify or infer the relevant use cases (and related test cases) for an application with or without related documentation for the application
4. Your ability to prioritize and categorize test cases

5. Your ability to set and adhere to standards
6. Your ability to provide test summary report

Automated Testing

Design two automated tests using Selenium / Selenium WebDriver in Java that you would use as an acceptance test for Forms application. Commit your tests/changes/documentation to a public Github project.

Assessment

In this exercise we will assess the following:

1. Your ability to identify acceptance level tests
2. Your ability to identify and use proper locators
3. Your ability to assert the right outcome
4. Your tests should run as deterministically as possible
5. Your ability to use Github and commit changes in logical blocks

Bug Reporting

There are bugs within the Forms application. As you design and execute test cases, document bug reports and identify failing test cases on your test report.

Assessment

In this exercise we will assess the following:

1. Your ability to use correct grammar, spelling, and punctuation
2. Your ability to demonstrate knowledge about bug reporting standards
3. Your ability to provide clear and concise steps to reproduce