

Test Summary Report

Project Links: [Jira](#) | [Open Library Site](#) | [Github](#)

Test Summary Report

- Items tested include creating user account, managing user account, browsing for items, borrowing and utilizing items, search functionality, waitlist functionality, creating book lists, and GET API functionality.
- Open Library was tested using a Chrome browser.

Variances

- Variances included challenges with requirements documentation not being available.
- Many variances were found in the site leading to cancelling some of the automation that was planned. Automation was modified to include account login and to test the random book recommendation function. Automation for searching a resource, borrowing it, reading it, and returning it was cancelled due to the fragile site environment.
- API testing was also limited due to the inconsistent results found during the initial GET testing.

Testing Done vs. Test Objectives

- Most objectives were able to be met except for the automation referenced above.
- API testing was limited to GET testing.
- Automation testing was limited.
- Due to time limitations the mobile device app and user content updating/contribution were not tested. The purchasing options and sharing of resource information on social media sites were also not tested.

Summary

- Testing was completed on all functions listed above.

- Tools used included Chrome, Postman, Nightwatch.js.
- Recommendations to improve the product include:
 - Search Type Default Recommendation QA6T-58
 - Bookmark Recommendation QA6T-60
 - Resource Preview QA6T-61
 - Tracking Past Books Checked Out QA6T-69
 - Return Multiple Resources at Once QA6T-64
- Bugs reported include:
 - Updating Email Link Broken QA6T-54
 - Books Search Page not Behaving as Expected QA6T-57
 - Read and Borrow Buttons Changing QA6T-65
 - Currently Reading not Tracking QA6T-68

Evaluation Activity Summary

- The Open Library site is an open source library site where users can borrow and read books without needing a library card. The goal is for every book ever written to have its own informational page. Users can contribute to the site, review products, and upload product details, similar to a Wikipedia format. Due to the number of users updating and adding information, the continuity in information between resources is sometimes inconsistent.
- The concept of the site is great, and with some modifications it has the potential be a very powerful resource for users. As it grows, it would be helpful if there was someone double checking the information that's being submitted and making sure that the site format stays consistent. With such a large site and large goal this is no small feat, but it would much improve the user's experience if some type of enhanced quality control and review processes were implemented.

Activity Summary

- Time was spent testing the functionality listed above including exploratory testing, writing bug and recommendation reports, and manual testing. Due to some of the inconsistencies found in the site, this lead to a larger amount of time than usual spent trying to localize consistent results. A chunk of time was spent attempting to complete automation testing, which had to be abandoned due to inconsistent site components.

