Software Test Design (STD)

1. Introduction

The "WorldCat" website is an extensive online catalog that allows users to search for books, music, and other resources available in libraries worldwide, it also gives you the nearest libraries according to your location, in addition to the access to borrow books from the libraries' website.

At this document (STD) we show all the test cases that needs to be done by the testing team, in order to find if there are any defects in the program.

1. Traceability Table

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| --- | --- | --- | --- |
| .Req # | Requirement Description | .T.C # | Test Case Description |
| 1 | User can submit a valid sign in using valid username and a valid password | 1 | Valid sign in test |
| 2 | User cannot submit a sign in using an invalid username or an invalid password | 2 | Invalid sign in test |
| 3 | Allowing user to search for a book while logged in | 3 | Book search while signed in |
| 4 | Allowing user to see book summary | 4 | Book summary display |
| 5 | Allowing user to see book availability | 5 | Book availability display |
| 6 | Allowing user to save searches | 6 | Save search test |
| 7 | Allowing user to delete saved searches | 7 | Delete saved search |
| 8 | Allowing user to create a list and saving a book into it | 8 | List create and save |
| 9 | Allowing the user to get the book saved in the list | 9 | Book added to list |
| 10 | Allowing user to delete a list | 10 | Delete list |
| 11 | Allowing user to search for a library and to add it to favorites | 11 | Search and favorite library |
| 12 | Allowing user to unfavorite a library | 12 | Unfavorite library |
| 13 | Verify returning closest library 's distance functionality | 13 | Return closest library |

1. Test Cases

