ShareBook Application

Functional & User Acceptance Testing Scenarios

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| **User Story 12: Sort by ISBN** | | |
| **Test Case: Sort Shared Books by ISBN** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home screen, log into the ShareBook site as a registered user with books shared | Home screen displayed | Home screen displayed as expected |
| Step 2: Click the “Profile” link in the top right-hand corner of the screen | User Profile screen displayed including list of books shared by user | User Profile screen displayed as expected |
| Step 3: Under the list of books shared by the user, click the “ISBN” column heading. | Books should be displayed in ascending numerical order by ISBN. | Shared Books sorted as expected. |
| Step 4: WIth books sorted, click the “ISBN” column heading again. | Books should be displayed in descending numerical order by ISBN. | Shared Books sorted as expected. |
| **Test Case: Sort Available Books by ISBN** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home screen, log into the ShareBook site as a registered user with books shared | Home screen displayed. | Home screen displayed as expected |
| Step 2: Click the “Borrow” link in the top right-hand corner of the screen | Borrow screen displayed including list of books available to be borrowed. | Borrow screen displayed as expected.. |
| Step 3: Under the list of books available, click the “ISBN” column heading. | Books should be displayed in ascending numerical order by ISBN. | Books Available sorted as expected. |
| Step 4: WIth books sorted, click the “ISBN” column heading again. | Books should be displayed in descending numerical order by ISBN. | Books Available sorted as expected. |
| **Test Case: Sort Searched Books by ISBN** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home screen, log into the ShareBook site as a registered user with books shared. | Home screen displayed. | Home screen displayed as expected. |
| Step 2: Click the “Find” link in the top right-hand corner of the screen. | Search screen displayed including search bar | Search screen displayed as expected. |
| Step 3: Enter the search term “PHP” in the search field, then click the “Search” button. | A list of books is displayed. | List of books displayed as expected. |
| Step 4: Under the list of books, click the “ISBN” column heading. | Books should be displayed in ascending numerical order by ISBN. | Books Available sorted as expected. |
| Step 5: WIth books sorted, click the “ISBN” column heading again. | Books should be displayed in descending numerical order by ISBN. | Books Available sorted as expected. |

**Comments:** No defects detected during testing.