ShareBook Application

Functional & User Acceptance Test Scenarios

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| **User Story 54: Client/Server Side Validation** | | |
| **Test Case: Register User** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home screen, click the “Sign Up” button. | User is taken to the “Register” screen. | “Register” form displayed. |
| Step 2: Enter the following data on the “Register” screen:  Email: justatest@gmail.com  Hit the TAB key | Error displayed:  “Please enter your QUT email only” | Error message displayed as expected. |
| Step 3: Enter the following data on the “Register” screen:  Email: justatest@student.qut.edu.au  Hit the TAB key. | Errors displayed:  None | Error displayed:  “Please enter your QUT email only” |
| Step 4: Enter the following data on the “Register” screen:  Email: justatest@connect.qut.edu.au  Hit the TAB key. | Errors displayed:  None | No error message displayed as expected. |
| Step 5: Enter the following data on the “Register” screen:  First Name: John  Last Name: Smith  Date of birth: 01/07/1990  Phone No. 0400 111 222  Street: 55 Elizabeth Street  Suburb: Brisbane  Post Code: 4000  State: QLD  Password: abc123 | Message displayed:  “Weak!” | Password message displayed as expected. |
| Step 6: Enter the following data on the “Register” screen:  Password: abc$123 | Message displayed:  “Medium!” | Password message displayed as expected. |
| Step 7: Enter the following data on the “Register” screen:  Password: AbC#$123 | Message displayed:  “Strong!” | Password message displayed as expected. |
| Step 8: Submit entered data by clicking “Register” button at bottom of screen. | Home screen displays.  Message displayed:  “You have successfully registered”. |  |
| **Test: Login User** | **Expected Outcome** | **Actual Outcome** |
| Step 1: From the Home screen, click the “Login” link in the top right hand corner of the screen. | The “Login” screen displays. |  |
| Step 2: Enter the following credentials:  Email: [justatest@gmail.com](mailto:justatest@gmail.com)  Password AbC#$123  Click the “Login” button | Message displayed:  “Login/Pass do not match” | Error message displayed as expected. |
| Step 3: Enter the following credentials:  Email: justatest@connect.qut.edu.au  Password AbC#$123  Click the “Login” button | Home screen displays.  Message displayed:  “Welcome justatest@connect.qut.edu.au” | Home screen with successful login message displayed as expected. |
| **Test: Share Books** | **Expected Outcome** | **Actual Outcome** |
| Step 1: Once logged-in, click the “Share” link at the top right-hand corner of the screen. | The “Share Textbook” form is displayed. | “Share Textbook” form displays as expected. |
| Step 2: Enter the following data on the form:  Name: PHP for Absolute Beginners  Author: Jane Smith  ISBN: 1234567891231 | Error Message:  “Please input a correct ISBN” | Error message displays as expected. |
| Step 3: Enter the following data on the form:  ISBN: 9788131764701  Publisher: Random House  Edition: 1  Faculty: Information Technology  Available From: *Current Date*  Pickup Location: Room S636 QUT GP  Due Date: *Enter Future Date* | ISBN Error message disappears. | ISBN Error disappears as expected. |
| Step 4: Attach the following image by saving it first then clicking “Browse” to locate and add the image to the book profile.  https://lh5.googleusercontent.com/i1AtR7YmMLPDB0v2OSyJ-e8ZBlReGKiAvITcTWVcYN1aAsXRyOUQho9o-zGkasp6Nmcn29dwqyGVoqAiRLNombySlEbwMb5a5XIT8uygsKfb81EMm8PQbLNo7ILwQSJMkaDZ6Vs1RE4HAPYS  Click “Submit” | Returns to the Home screen with the following message displayed:  “Successfully created book!” | Success message displays as expected. |
| Step 5: Navigate to the “Borrow” screen by clicking the “Borrow” screen in the top-right hand corner of the screen. | Above book is displayed in the list of books available for borrowing. | Book displayed in list of books available to borrow. |

**Comments:** One defect only detected in Step 3 of Test - Register User. Defect Id 01 raised for resolution.