

Test Cases

GetBooks

Test Case 1.1: Get Books

Test Case Title: Get Books

Test Case Description: Click on the books button to get the list of books.

Preconditions: Connected to Network / Server is active

Test Steps:

- Open Client

- Click on books to get the list of books.

Expected Result: List of Books is shown by the client with a title and an author.

Test Case 1.2: Get Books

Test Case Title: Get Books

Test Case Description: Click on the books button, list is empty

Preconditions: Connected to Network / Server is active

Test Steps:

- Open Client

- Click on books to get the list of books.

Expected Results: The returned Json String has no books, that's why the list in the client is empty.

Delete Book

Test Case 2.1: Delete Book

Test Case Title: Delete Book

Test Case Description: When clicking the delete button, the book should be deleted

Preconditions: Get Books is implemented/ Books list is not empty/ connected to server/ server is active

Test Steps:

- Open the Client and Click on the books button

- Select a book from List.

- Click Delete button.

Test Case 2.2 Delete Book

Test Case Title: Delete Book

Preconditions: The Delete request was sent to the Server

Test Steps:

- Server catches the delete method in the RemoveBookResource class

- New Object Catalog is created from the Xml database

- The id is matched to a book in the List and that book is removed

Test Case 2.3 Delete Book

Test Case Title: Delete Book

Preconditions: The Delete request was sent to the Server

Test Steps:

- Server catches the delete method in the RemoveBookResource class
- New Object Catalog is created from the Xml database
- The id does not match any books in the List
- The server returns an error response

Test Case 2.4 Delete Book

Test Case Title: Delete Book

Preconditions: The Delete request was sent to the Server

Test Steps:

- Server catches the delete method in the RemoveBookResource class
- New Object Catalog is created from the Xml database
- The String id is whitespace / has illegal characters
- The server returns an error response

Add Book

Test Case 3.1 Add Book

Test Case Title: Add Book

Preconditions: Get Books has been implemented

Connected to Network / Server is active

Test Steps:

- Open the Client
- click the books button
- click New Book button.
- fill fields with information
- click Save button.

Postcondition: The booklist is being displayed with the newly added book.

Test Case 3.2 Add Book

Test Case Title: Add Book

Preconditions Test Case 3.1 works

Test Steps:

- A new Object Catalog is created from the Xml file.
- A new Object Book is created from the Json String.
- The Book is added to Books.
- The Xml file is updated.

Postcondition: Response 204

Edit Book

Test Case 4.1 Edit Book

Test Case Title: Edit Book

Preconditions: Get Books has been implemented
Connected to Network / Server is active

Test Steps:

- Open the Client.
- click Books button.
- click a book from the List.
- Edit the information (author/title/price/...).
- click Save button

Postcondition: Book is edited.

Test Case 4.2 Edit Book

Test Case Title: Edit Book

Preconditions: Test Case 4.1 is working

Test Steps:

- A new Object Catalog is created from the XML file.
- The json String is converting to a Book.
- A book is found and the list is edited.
- The XML database is edited.

Postcondition: Response 404

Test Case 4.3 Edit Book

Test Case Title: Edit Book

Preconditions: Test Case 4.1 is working

Test Steps:

- A new Object Catalog is created from the XML file.
- The json String is converting to a Book.
- A book is not found

Postcondition: Response 404