

Test Case ID	Test Description	Test Data to be Used (if required)	Expected Outcome	Actual Outcome	Test Status	Comments and Intended Actions
REQ-001	Add book to the library using console selection	Harry Potter	The book is added successfully and appears in the inventory when displayed	Works as expected	Pass	
REQ-002	Check out a book using the console selection	Harry Potter & The Lord of The Rings	If the book is available, it is marked as checked out; if it is not available, an appropriate error message is displayed.	Works as expected	Pass	
REQ-003	Return book using console selection and typing title	Harry Potter	If the book is currently checked out, it is marked as available; if the book is not checked out, an error message is displayed.	Checked out book doesn't return	Fail	Book not checked out works, book not found works. Return message appears but can keep returning the returned book as it doesn't show back up in inventory. Fix returnBook() method in book, change availibilty to true
REQ-004	Display inventory when selected from the console		The inventory list accurately shows each book's title, author, and current status (available/checked out).	Incorrect status doesnt meet reqs	Fail	It does show inventory with book name & author but the status isn't shown as available/checked out it is displayed as available: true or avaiable: false. Fix toString method to format status to meet reqs
REQ-005	Checking sytem presents a console menu and that all options are performing as intended		The system shall present a console-based menu with options to add a book, check out a book, return a book, display inventory, and exit the application.	Works as expected	Pass	
REQ-006	Adding book and then seeing if I can check out/return by using different case	Harry Potter, harry potter	The system shall perform case-insensitive searches when looking for a book by title.	programme is case sensitive	Fail	Modify findBookByTitle method, equals(title) needs to be . equalsIgnoreCase