Appendix "A"

Project Name:	Library Inventory Control System		
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Requirements - Reference Document Index:	Test Scenario Description	Output	Result
3.1 Add a new Book	A librarian may add a new book. Make sure that if a copy of this book already exists, then it should be placed in the same location as the first, and more than one copy should be available for checkout. Input: Title, Author, ISBN, publisher, shelf location, checkout duration	Success Message	Pass
3.2 Remove a Book	A librarian user should be able to remove a book from the system. A specific book should be found by id, and removed from the system. Input - Book Id.	Success Message	Pass
3.3. Update information about a Book	A librarian should be able to make the requisite changes to the information about the book in the system. Input: all data such as title, author, ISBN, location, publisher, cover, etc should be submitted again, along with the original book's unique id.	Success Message	Pass
3.4. Check out a Book	If the book is currently available, and the user is valid, they should be able to check out the book. Input: Book id, user id, date	Success Message	Pass
3.5. Check-In a Book	If the book as marked as checked out, mark as checked in, assess fines on user if the book was returned after the due date. Input: Book Id	Success Message	Pass
3.6. Issue a new Library Card	Create user, if it does not already exist. A new user will be created in the system, and given a unique ID number. Then a card may be created to show the user this ID number. Input: name, dob, address, phone number	Success Message	Pass
3.7. Revoke Library Card	If the user is enabled, disable them. Input: User Id	Success Message	Pass
3.8. Pay Fine	Subtract the amount input, from the amount owed. If the result is less than 0, set it to 0, and return an amount of change that should be returned to the patron. Otherwise set the amount owed to the result. Input: User Id, amount	Success Message, New fine less fine amount	Pass
3.9. Search for a Book	Any user can search on title, author, subject. Input: One of the search criteria - title, author or subject.	List of matching books	Pass

3.10. Generate Report	Generate reports according to input. Input: Shelf ID (returns list of books currently on the shelf) Patron ID (returns books currently checked out, fines owed, etc.) Checked out is True (returns books currently checked out) Checked out is True and Due Date is less than today (returns overdue books) Patron ID, checked out is true, Due Date is less than today (returns list of patron's overdue books)	Report according to queried data	Pass
3.11. Add self to waiting list for a Book	Update book's waiting list, append user id. Input: Book Id, User Id	Confirmation message	Pass
3.12. Remove Patron from waiting list	Update book's waiting list, remove patron id. Input: Book Id, User Id	Confirmation message	Pass