

# Library management app

```
git add .  
git commit -m ""  
git push -u origin firstStage
```

## Enums:

### ▼ BookFormat

Hardcover

Paperback

Audiobook

Ebook

### ▼ BookStatus

Available

Borrowed

Lost

## Object types:

### ▼ Person

name: string

address: string

email: string

phoneNumber: string

### ▼ Account ← Person

userName: string

password: string

status: AccountStatus

### ▼ LibraryCard

cardNumber: int

issuedAt: date

active: bool

▼ Member ← Account

dateOfMembership: date

totalOfBooksCheckedout: int

▼ Librarian ← Account

▼ Review

rating: int

review: string

reviewer: Account?

▼ Book

ISBN: string

title: string

publisher: string

genres: bookGenres

price: double

rating: double

publicationDate: date

language: string

numberOfPages: int

▼ BookCopy ← Book

barcode: string

format: bookFormat

status: bookStatus

borrowDate: date

dueDate: date

returnedDate: date

▼ Catalog

totalBooks: int

bookTitles:

bookAuthors:

bookPublicationDates:

▼ Library

## Functionalities:

- Add/ Remove/ Edit book
- Register new account/ cancel membership
- check-out/ return book
- Search members/books