

**What is your app called?**

GUC: Help Yourshelf

**What does your app do?**

The app is mainly for tracking the books in the GUC library. All the available books provided by the GUC library will be displayed to the user and the number of copies of each book available for check out. Once a student checks out a book, this number will be decremented, and if there are no copies left, the app will show that all copies of this book have been checked out. The app will also track the user's checked out books. When a student checks out a book, he can go on the app and log the date he checked out the book. The app will then display the number of days left before the student has to return the book and will update this number everyday. It will also send a reminder 1 day prior to having to return the book. If the student fails to return the book by the deadline, the app will start tracking the amount of money the student will have to pay for each day the book is not returned. The app will also send notifications to the users about the new books brought by the library. (The app might also have an extra feature: a a calendar tracking all the sessions held by the GUC library and sending notifications to the users about their time and place.)

This app will help students look through all the available books in the library and know if the books they are looking for are available for check out. It will also help them keep track of the books they borrowed and possibly the sessions held by the guc library. This app can later be modified and used by all libraries outside of the guc.

**Which backing/3rd party services will your app use?**

IT Book Store API (<https://api.itbook.store>) and mongoDB

**How will your app use the backing services?**

The books api will be used to get all the available books and the checked out books. MongoDB will be used to save information about the users and their checked out books.