

# User manual

Library app built for Databases in 6<sup>th</sup> Semester ECE NTUA

There are 3 types of users : the central admin (username : root, password : admin), school handlers (one person from each school responsible for operating the application on behalf of the school) and simple users, who are either teachers or students in one of the schools.

## 1) Admin

The admin can deactivate handler's accounts, and view results to some queries on his central page, such as which book author is the least favorite among borrowings and which teacher has borrowed the most books in the past year.

## 2) Handler

Each school handler has many options on their main page. They can register new books, edit current book information, deactivate or delete user's accounts, register returns of books, register borrowings of books, and view some simple queries regarding reviews and returns.

## 3) User

Users are either teachers or students in one of the schools. They can make reservations to borrow a book, and the school handler of the school where the book is located, is responsible for registering the borrow of the book. They can also view their profile, while users who are teachers can also change some personal information.

The application demonstrates an example of an inter-school connection to allow students and teachers to borrow and read books, while also typing their reviews and rating the book on a scale from 1-5.

**TIP :** To find more usernames and passwords in order to experience the view of the application from other user types' perspectives, run the following commands in a terminal:

```
sudo mysql -u root -p
```

```
SELECT handler_username, handler_password FROM school;
```

```
SELECT username, pass, is_student FROM user;
```

The first SELECT will list handler's usernames and passwords, while the second one will list usernames and passwords of simple users combined with the is\_student column, which is set to 'T' for students, and 'F' for teachers.