User manual

Library app built for Databases in 6th 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 central administrator can deactivate handler's accounts, and view the results of some queries on their main page.

2) **Handler**

School handlers can activate, deactivate and delete user's accounts, view the results of some queries, and update existing book information (only about books that are on their school) as well as add new books to the library. They can also register borrowings, and returns of existing books.

3) **User**

Simple users are either teachers or students in a school. They can view their personal information, make reservations about books, type reviews and view past borrowings and active reservations that they have made.

The application demonstrates an example of an inter-school connection to share books in their libraries with other schools' teachers and students.

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 handlers;

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.