

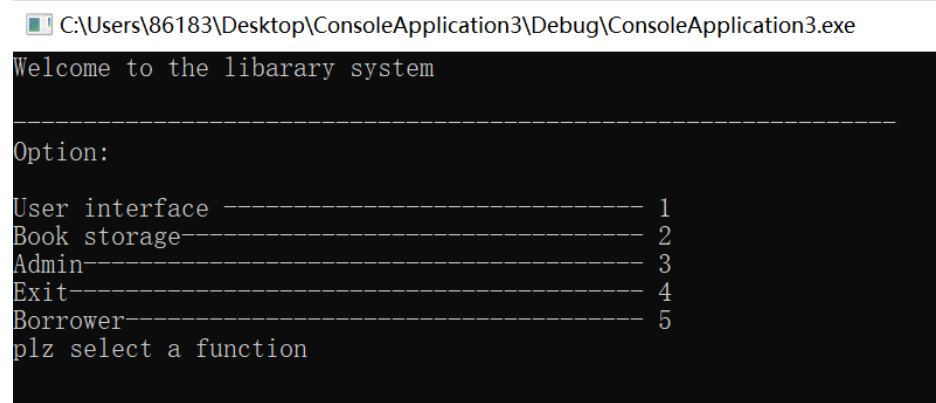
# **Program Manual**

## 1. abstract

For that this is a new electronic rental system which is aimed to maintain the operation of the library system, some specific operational methods are clearly clarified in this program manual in which case the users can make an understanding of how to use the system. First of all, users need to know that the system can be divided into two parts. One is the administrator-part which are designed for the administrators to input and register the users' information, storing the information so as to facilitate future viewing. The another is the user-part which is set up for the people who are going to borrow and return the books. This time the system recorded all the book information, giving the information of the status of all the books and the borrowing situation of the borrowers to the administrator. The detailed information and specific application method have been shown below.

## 2. Detailed using process

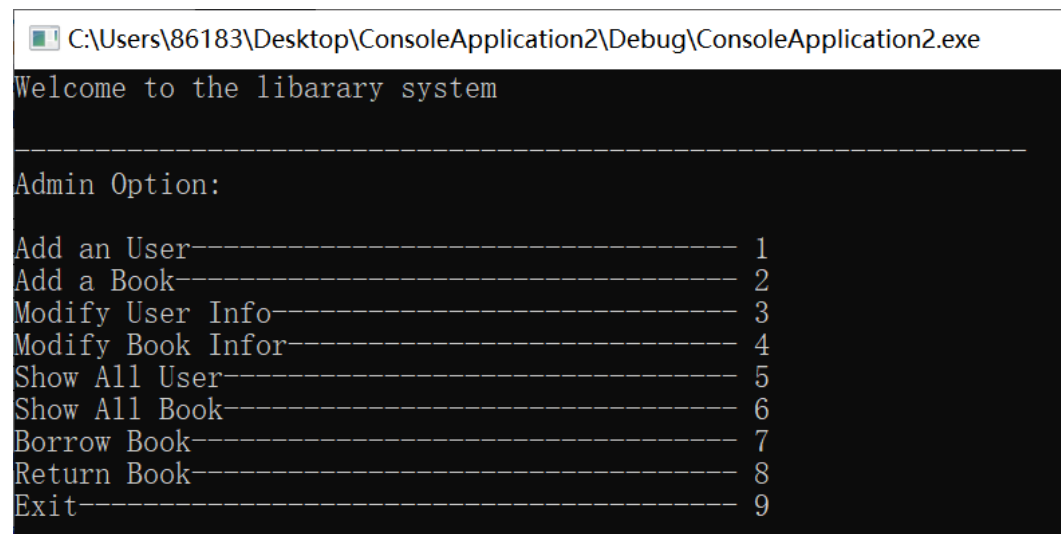
First of all, a welcome-page will be shown for the users as below.



```
C:\Users\86183\Desktop\ConsoleApplication3\Debug\ConsoleApplication3.exe
Welcome to the library system
-----
Option:
User interface ----- 1
Book storage----- 2
Admin----- 3
Exit----- 4
Borrower----- 5
plz select a function
```

Here the users can choose 1 to see the user information in the system, 2 to see the book storage in the library, 3 to log in the Administrator page, 5 to log in the Borrower page and 4 to close the whole procedure. Now we choose 3 to get into the Administrator part.

## 2.1 Administrator



```
C:\Users\86183\Desktop\ConsoleApplication2\Debug\ConsoleApplication2.exe
Welcome to the libarary system
-----
Admin Option:
Add an User----- 1
Add a Book----- 2
Modify User Info----- 3
Modify Book Infor----- 4
Show All User----- 5
Show All Book----- 6
Borrow Book----- 7
Return Book----- 8
Exit----- 9
```

As is shown above, there are 9 choices to be chose. Administrators can choose 1 to add a new user who want to go to the library, borrowing and returning books. They can choose 3 to change the user information, where they can do either change or delete information of the stored information. So as the book system. Administrators can choose 2 to add a new book, choosing 4 to change the book information. The operating method is as the same to how to change the user information.

Moreover, when the administrators want to see all the user and book information in the system, they can choose 5 and 6, all the related information will be shown. When the administrators select 9, the system will be closed.

## 2.2 Users

Back to the home page, now we can select 5 to get into the user part.

```
C:\Users\86183\Desktop\ConsoleApplication4\Debug\ConsoleApplication4.exe
Welcome to the library system
-----
Option:
User interface ----- 1
Book storage----- 2
Admin----- 3
Exit----- 4
Borrower----- 5
plz select a function
5
Borrow Book----- 1
Return Book----- 2
```

Now we can see that users can select 1 to borrow books or 2 to return books from the library. Users will put in the ISBN of the book, if there is a corresponding book in the stored system, the book will be brought out and the number of the book in the system will decrease to 1, vice versa.

## 3. Conclusion

All the requirements of the library system have been met in this system. If you come across some problems while using, our team is also glad to help you tackle that. Hope for a excellent using experience in the future!