System provides the following functionalities:

1. **Book search**:

Using GUI, it is possible to search for a book, given any combination of ISBN, title, or Author(s). When you search for book results will be displayed along with option of book checkout. If you want to issue book just click on the button beside book details, it will redirect you to new page and ask for borrower card details. If book is not checked out and person has not already issued three or more books you will be able to issue book successfully.

1. **Book Check-in:**

There is separate tab on navigation bar to check in the book. By providing borrower id we can see all books that are issued under ID. It also provides option to check-in any book from the list. Once you opt to check-in book it will check if there are any dues for that particular book. If there, it will display the fine amount and will ask to pay fine. Once fine is paid then only book will be checked in successfully.

1. **User registration**:

To issue a book user must register first into the system by providing details like SSN, Address, Name and Phone. All these input fields are compulsory. If user has not already registered sometime before he/she will be registered successfully and borrower id will be assigned to him. Using this borrower-id he will be able to check-in, check-out and check all fines.

1. **Check Dues:**

To update fines button named update is provided on check dues page. It will check in database if any due dates are passed by user and update fines for each such book. User can see if there are any dues for each borrower. All books which are due will be displayed and total fine for that borrower. Borrower can pay fine of individual book and then check in that book.