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# Blue Library Manager- Quick Start User Guide

This guide is meant for typical users (librarians) of the Library Database System. Guests of the library who utilize their services and check out content are known as 'borrowers'. Have administration follow the README.txt provided to set up the software accordingly for general use. Default host domain is http://127.0.0.1:8000/ but likely has been changed to another domain. Contact administration for the correct host domain, and that it is currently operational.

**Homepage**

The face of the library database. Here you will find all the links needed to perform the following actions: creating new borrowers, entering new books into database, searching books entered, searching borrowers within the system, checking out books to borrowers, checking in books returned by borrowers, and searching loans (typically auto-generated) for overdue books.
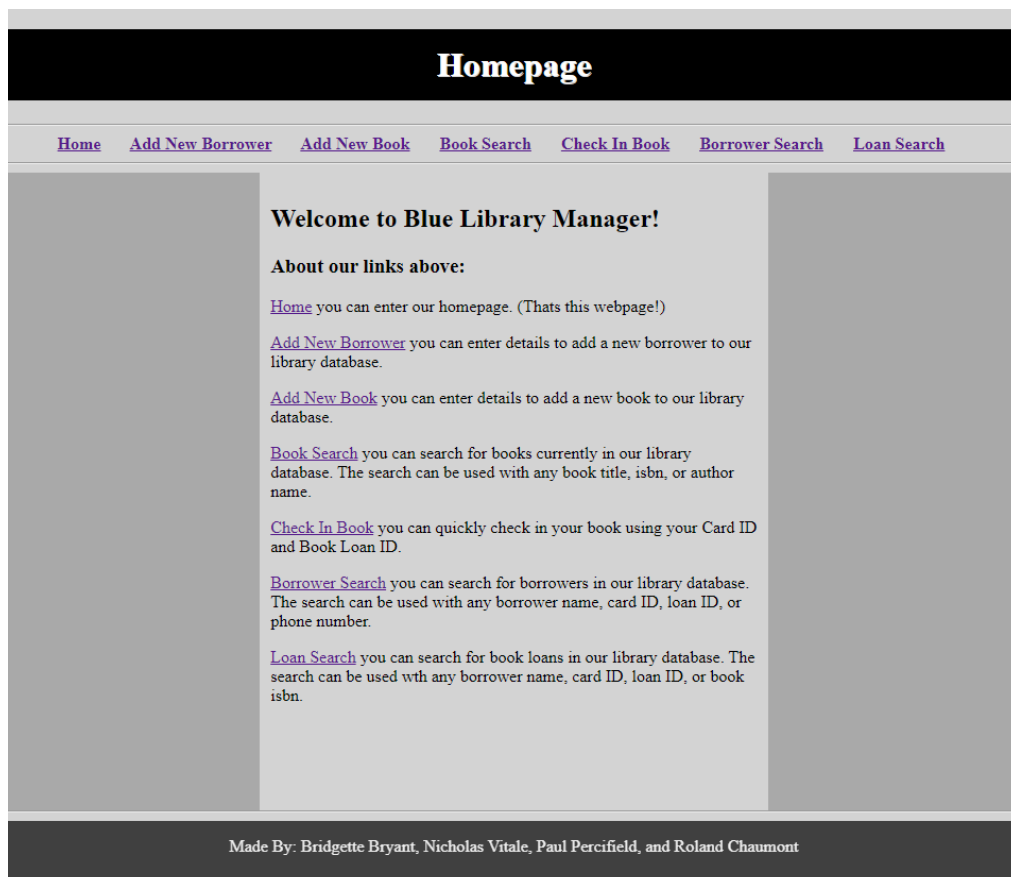
**Add New Borrower**

This is where you create a new borrower. Enter the fields as required (SSN, Name, Address, Phone). The SSN will prevent multiple entries of the same person. The last 6 digits of a person's phone number also act as the 6 digits of their Card ID, which is generated automatically upon entering the borrower's information. All fields (including Card ID) except SSN and Address are searchable through BLM.



**Add New Book**

Here you can enter a new book into the system. Enter the ISBN-10, title, and author(s) to add them into the BLM. The system does not allow for multiple copies of the exact same book, whose uniqueness is defined by the ISBN. If an attempt is made to enter another copy of a book, BLM will return with an error.

**Book Search**

     BLM allows you to find any book entered into the database given any combination of ISBN, title, and/or author(s). Search is case-insensitive and supports substring matching. By clicking on the title of the book, BLM will indicate if it is in stock. If a book is available, it can be checked out to a borrower using their card ID. A due date will be automatically set 14 days from the check-out date. Note that a borrower is permitted a maximum of 3 book loans at a time;  Upon checking out a book, a loan ID is generated. This is used to search through all checked out books through Loan Search.

**Check In Book**

By entering the book's ISBN and card ID of the borrower who checked out the book, you can return the book back into inventory systemically. This will automatically calculate any late fees for overdue books and fine the borrower. Fines are assessed at a rate of $0.25/day

**Borrower Search**

Allows for the searching of a borrower using any combination of their phone number, name, or card ID. This search is case-insensitive and supports substring matching. Results will show each borrower that matches the query in some way, along with contact information and their address. By clicking on the card ID highlighted in the results, you will see a page that describes any book loans pending (if any) and SSN. You may also update the borrower's information using the link towards the bottom should it be needed.

**Card ID: ID567890**

**Name: Mr. Hermit**

**Phone: (123) 456-7890**

**SSN: 123-45-6789**

**Address: 123 Sesame St, Kings Park, NY 117754**

**Click a loan below to view:**

Loan ID: 21    Isbn: 002542730X
Date Checked Out: July 20, 2021
Due Date: Aug. 3, 2021

Loan ID: 22    Isbn: 0123456789
Date Checked Out: July 25, 2021
Due Date: Aug. 8, 2021

Loan ID: 23    Isbn: 0140252991
Date Checked Out: June 30, 2021
Due Date: July 14, 2021

**You cannot have more than 3 book loans at a time**

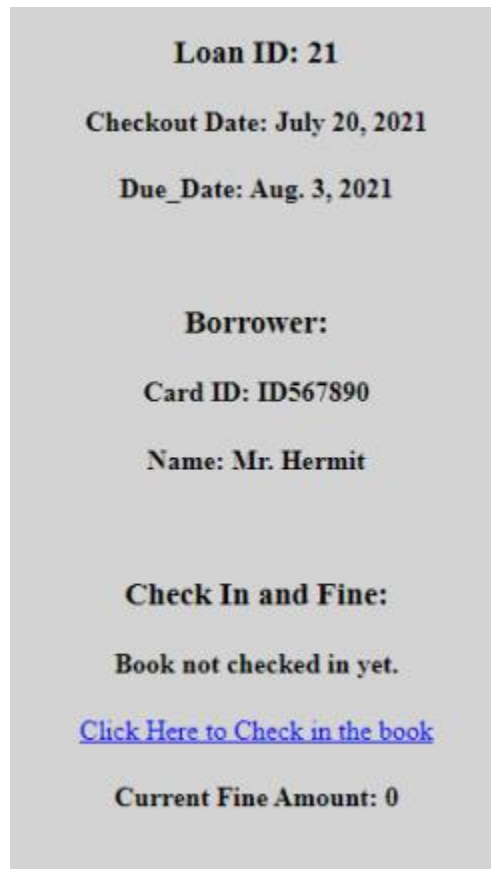Click Here to Update Info

**Search for a Borrower**

Search:
Search...
Submit

**Searching for (123) 456-7890:**

Card ID: ID567890
Name: Mr. Hermit
Phone: (123) 456-7890
Address: 123 Sesame St, Kings Park, NY 117754

**Loan Search**

  Entering a card ID, borrower name, or ISBN of a loaned book will display details of each relevant loan. Clicking the 'Loan ID' number will return all dates related to the loan (check out, check in, and due dates). If a fine is issued to a borrower, this is the page where the user can input payment for the fine.

<div align="center">

**Loan ID: 21**

**Checkout Date: July 20, 2021**

**Due_Date: Aug. 3, 2021**

**Borrower:**

**Card ID: ID567890**

**Name: Mr. Hermit**

**Check In and Fine:**

**Book not checked in yet.**

Click Here to Check in the book

**Current Fine Amount: 0**

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  We hope that this guide has proven useful. If there are any inquiries about the system use, contact administration.