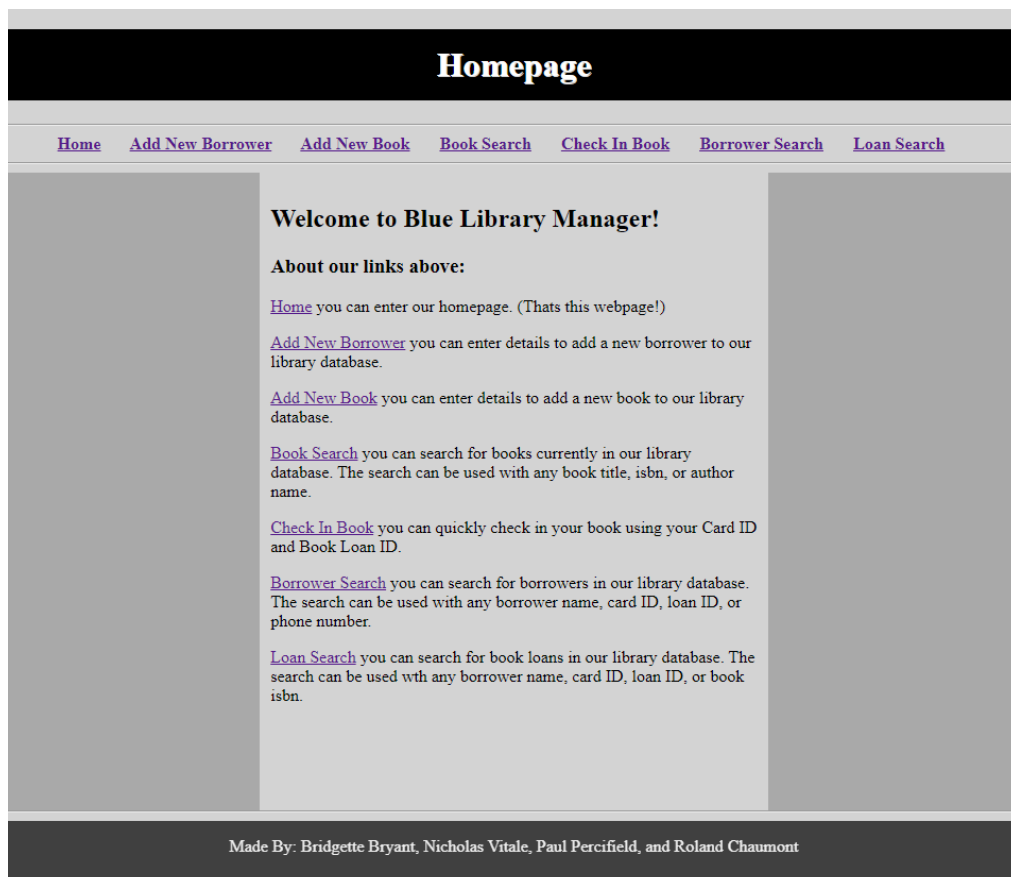


Blue Library Manager- Quick Start User Guide

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.

The screenshot shows a web page titled "Add a Borrower". At the top is a navigation bar with links: Home, Add New Borrower, Add New Book, Book Search, Check In Book, Borrower Search, and Loan Search. The main content area is titled "Enter Details" and contains two validation messages:

- Valid ssn is required! Must be in form: 123-45-6789
- Valid Phone number is required! Must be in form: (123) 456-7890

Below these messages are input fields for:

- SSN: 123456789
- Name: Mr. Hermit
- Address: 123 Sesame St, Kings Park,
- Phone: 12-456-7890

A "Submit" button is located at the bottom of the form.

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.

The screenshot shows two parts of the web application. On the left is the "Enter Details" form for adding a new book:

- Isbn: 0123456789
- Title: It's Not Easy Being Green: And Other Things to Consider
- Authors: (Must be separated by commas ',')
- Jim Henson, The Muppets

A "Submit" button is at the bottom of the form. On the right is the "Homepage" page, which displays the message "Entry Successfully added to database!" and "Links to homepage and more above!". The navigation bar at the top of the homepage includes links: Home, Add New Borrower, Add New Book, Book Search, Check In Book, Borrower Search, and Loan Search.

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.

The image displays two side-by-side screenshots of the BLM website's search results page. Both pages have a black header with 'Search Results' in white. The left page has a navigation bar with links: Home, Add New Borrower, Add New Book, Book Search, Check In Book, Borrower Search, and Loan Search. It shows search results for 'James Finn' with multiple book entries, each listing the title, ISBN, and authors. The right page has a navigation bar with links: Home, Create a profile, Book, Search, Check In, Borrower Search, and Loan Search. It shows search results for 'Being Green' with the title 'It's Not Easy Being Green: And Other Things to Consider' by The Muppets, Jim Henson. At the bottom of the right page, it says 'Made By: Bridgette Bryant, Nicholas Vitale, Paul Percifield, and Roland Chaumont'.

The image shows a checkout form on the BLM website. On the left, it displays the ISBN: 002542730X and the availability: In Stock. Below this, it says 'Enter your Card ID to check this book out:' and shows a text box with 'ID567890' and a 'Check Out' button. On the right, there is a section titled 'Enter Details' with three dropdown menus: ISBN: Book object (002542730X), Card ID: Borrower object (ID567890), and Date Out: 2021-07-20. Below these is a 'Submit' button.

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

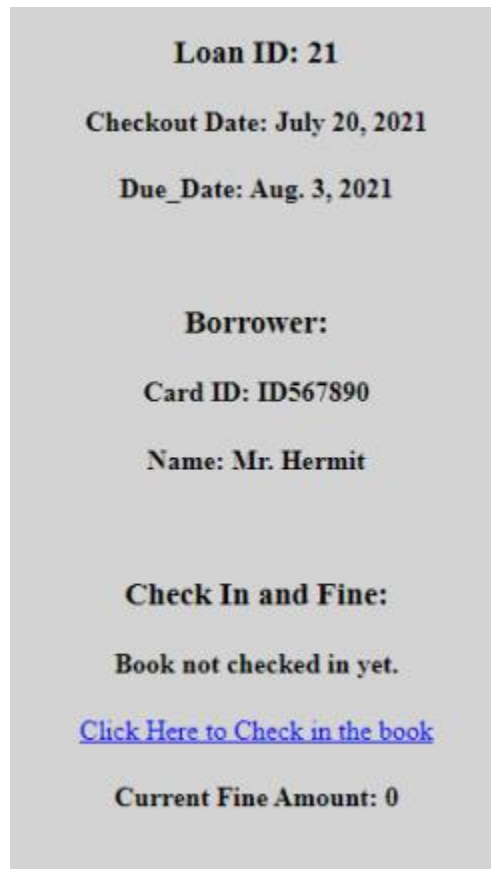
Search:

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.



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

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