

# Quick Start Guide

## Checking out books

When opening the webpage, the first thing you'll see is the Books page:

The screenshot shows a web interface with a dark background. At the top, there are two horizontal bars: the top one is labeled 'Borrowers' and the bottom one is labeled 'Fines'. Below these is a white box with the title 'Books' in bold. Inside this box is a text input field and a button labeled 'Execute Query'.

To search for a book by ISBN, title, or author, simply type into the text box and click “Execute Query.”

You will be greeted with all the books matching your search terms:

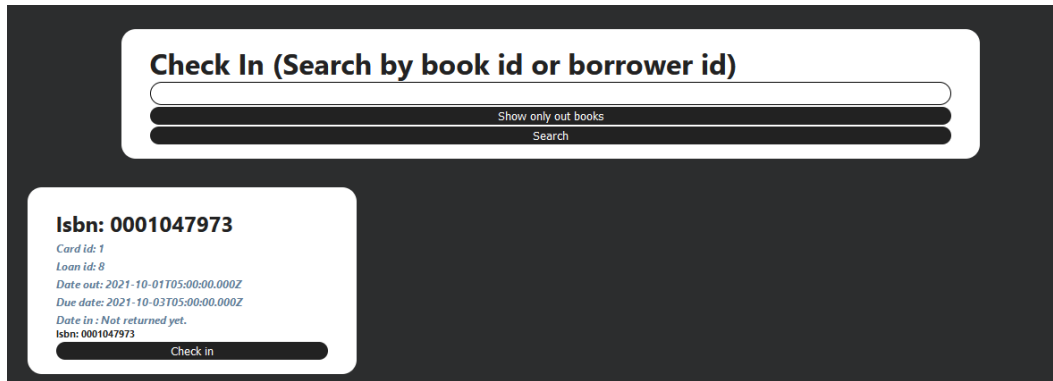
The screenshot shows the search results page. It has the same top navigation and search bar as the previous image. The search bar contains the text 'Hitchhiker'. Below the search bar, there are six book cards arranged in a 2x3 grid. Each card displays the book title, author, publisher, ISBN, and page count, along with a 'Check out' button.

Book Title	Author	Publisher	ISBN	Pages
The Hitchhiker's Guide To The Galaxy	Douglas Adams	Picador	0330491199	192
Mostly Harmless (Hitchhiker's Series)	Douglas Adams	Del Rey	0345379330	288
The Hitchhiker's Guide To The Galaxy	Douglas Adams	Del Rey	0345391802	224
Life, The Universe And Everything (Hitchhiker's Trilogy)	Douglas Adams			
The Vanishing Hitchhiker: American Urban Legends And Their Meanings	Jan Harold Brunvand			
The Ultimate Hitchhiker's Guide	Douglas Adams	Wings	0517149257	

Click “Check out” and insert the desired card id to check out a book!

## Checking In Books

Click the “Borrowers” button at the top, scroll past the “Add a borrower” section and you'll see the “Check In” section:



The 'Check In' interface features a title bar 'Check In (Search by book id or borrower id)' with a search input field below it. A toggle switch labeled 'Show only out books' is positioned above a 'Search' button. To the left, a card displays loan details for ISBN 0001047973, including card ID 1, loan ID 8, and due dates. A 'Check in' button is at the bottom of this card.

**Check In (Search by book id or borrower id)**

Search

Show only out books

**Isbn: 0001047973**

Card id: 1  
Loan id: 8  
Date out: 2021-10-01T05:00:00.000Z  
Due date: 2021-10-03T05:00:00.000Z  
Date in: Not returned yet.  
Isbn: 0001047973

Check in

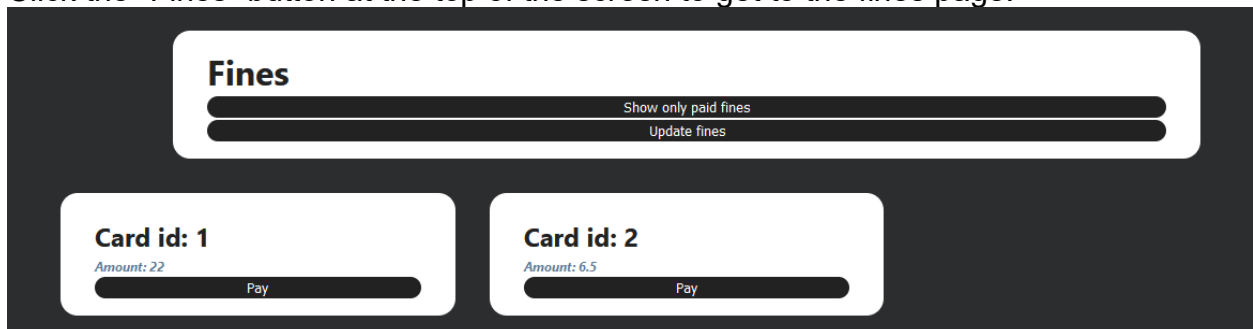
Simply search for the book by book id or card id and click “Check in” to check in a book. You can view books that have already been returned by clicking the “Show only out books” button.

### Adding Borrowers

Click the “Borrowers” button at the top, fill out the fields, then click “Add borrower.” Make sure you’ve filled out the first name, last name, SSN, and address fields! The GUI is able to create new borrowers the the existing borrower management system. No null value is allowed when prompted for inputs.

### Fines

Click the “Fines” button at the top of the screen to get to the fines page.



The 'Fines' interface has a title bar 'Fines' with a toggle switch 'Show only paid fines' and an 'Update fines' button. Below are two cards. Card 1 shows 'Card id: 1' and 'Amount: 22' with a 'Pay' button. Card 2 shows 'Card id: 2' and 'Amount: 6.5' with a 'Pay' button.

**Fines**

Show only paid fines

Update fines

**Card id: 1**  
Amount: 22  
Pay

**Card id: 2**  
Amount: 6.5  
Pay

By default, it shows unpaid fines. Each card shows the borrower’s card id and the amount that they owe across all loans. A borrower will not show up if they do not have any outstanding fines.

To pay a fine, click the “Pay” button. You will be greeted with a prompt to select which fine to pay off. Note, you cannot pay off a fine for a book loan that hasn’t been returned yet.