

LIBRARY MANAGEMENT SYSTEM (USER MANUAL)

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1. INTRODUCTION

Library Management System provides the basic functionalities of library like

1. Search
2. Check in, check out
3. Add borrower
4. Fines
5. Borrower's History

2. BOOK SEARCH

Search Implementation is supported using substring matching and 3 in different ways using ISBN, Title and Author fields.

ChromeFileEditViewHistoryBookmarksPeopleWindowHelp

Project 1

localhost:8888/php_codes/index.php

Sun 5:57 PM

Guest

Home

New Borrower

Check In

Borrower History

Fines Management

Search (Book Name or Author's Name or ISBN)

Submit

Results for Search: have

Book Name	Authors	ISBN	Availability Status	Check
What If?: The World's Foremost Military Historians Imagine What Might Have Been	Robert Cowley	9780425176429	YES	<div>Check-Out</div>
Chicken Soup For The Surviving Soul: 101 Healing Stories About Those Who Have Survived Cancer	Jack Canfield, Mark Victor Hansen, Beve, Patty Aubrey	9781558744028	YES	<div>Check-Out</div>
Home Sweeter Home: Creating A Haven Of Simplicity And Spirit (Sweet Simplicity	Jack Canfield, Jann Mitchell, Connie Lightner	9781885223333	YES	<div>Check-Out</div>
Till We Have Faces: A Myth Retold	C.S. Lewis, Fritz Eichenberg	9780156904360	YES	<div>Check-Out</div>
Haveli	Suzanne Fisher Staples	9780679865698	YES	<div>Check-Out</div>
Have Spacesuit Will Travel	Robert A. Heinlein	9780684148571	YES	<div>Check-Out</div>
I Haven't Understood Anything Since 1962	Lewis Grizzard	9780345385970	YES	<div>Check-Out</div>
One True Thing: Love What You Have	Anna Quindlen	9780440221036	YES	<div>Check-Out</div>
Things My Girlfriend And I Have Argued About: A Novel	Mil Millington	9780812966664	YES	<div>Check-Out</div>

3. BOOK LOANS

3.1. BOOKS CHECKOUT

The user can check out the books by entering the `CARD_ID`. The user can check out a maximum of 3 books at a time. If the user reaches a borrow limit of 3, the user must return the books that he/she has checked out earlier and then proceed for a new check out. The user cannot checkout a book copy that is not available as the checkout button is disabled in this case. If the user has an unpaid fine or currently overdues a book, an error message is displayed.

Chrome File Edit View History Bookmarks People Window Help

Project 1

localhost:8888/php_codes/check-out.php?

Home New Borrower Check In Borrower History Fines Management

Check-Out

Verify Book Details before Check-Out

9780385499828

Book Name	Authors	ISBN
A Girl Named Zippy: Growing Up Small In Mooreland Indiana	Haven Kimmel	9780385499828

CARD ID (Enter CARD ID to Check-Out with your Account)

1004

Check-Out

ChromeFileEditViewHistoryBookmarksPeopleWindowHelp

Project 1

localhost:8888/php_codes/check-out.php?id=9780385499828

Guest

HomeNew BorrowerCheck InBorrower HistoryFines Management

Check-Out

Verify Book Details before Check-Out

9780385499828

Book Name	Authors	ISBN
A Girl Named Zippy: Growing Up Small In Mooreland Indiana	Haven Kimmel	9780385499828

CARD ID (Enter CARD ID to Check-Out with your Account)

1004

Check-Out

localhost:8888 says:
Check - Out Done Successfully

OK

ChromeFileEditViewHistoryBookmarksPeopleWindowHelp

Project 1

localhost:8888/php_codes/check-out.php?id=9781558744028

Guest

HomeNew BorrowerCheck InBorrower HistoryFines Management

Check-Out

Verify Book Details before Check-Out

9781558744028

Book Name	Authors	ISBN
Chicken Soup For The Surviving Soul: 101 Healing Stories About Those Who Have Survived Cancer	Jack Canfield	9781558744028

CARD ID (Enter CARD ID to Check-Out with your Account)

1

Check-Out

localhost:8888 says:
Borrower have Due Book/s

OK

3.2. BOOKS CHECK-IN

The user can check-in a book by locating it under the 'Check In' tab and entering either the book information (book name or ISBN) or borrower's information (borrower's card id or loan ID). When the required books are displayed, the user can select a book to check-in. Also, the due date is shown to the user for the books.

1004

Results for Search Text: 1004 done

LOAN_ID	Book Name	ISBN13	NAME	CARD_ID	SSN	Due Date	Over Due ?
52	Flu: The Story Of The Great Influenza Pandemic Of 1918 And The Search For The Virus That Caused It	9780374157067	susmitha sri kadiyala	1004	679-34-3388	April 2, 2017, 7:53 pm	NO Check In

4. BORROW BOOKS

4.1. ACCOUNT CREATION

A new borrower can create an account by providing the details like Name, SSN, Address, Phone Number etc. When the user clicks the submit button, a new borrower record is created in the system. Once a borrower is registered, he/she will not be allowed to register again in the system.

Home New Borrower Check In Borrower History Fines Management

New Borrower Details

CARD ID

First Name

Last Name

Social Security Number

ADDRESS

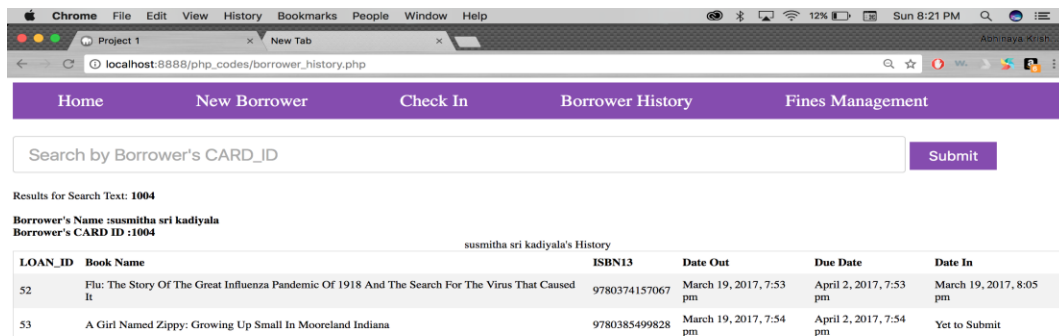
Phone Number

Email

Submit

4.2. BORROWER HISTORY

A user can find the borrower history under the 'Borrower History' tab on the web page by entering only the borrower card ID as borrowers can possess exactly one library card.



Chrome File Edit View History Bookmarks People Window Help

Project 1 x New Tab x

localhost:8888/php_codes/borrower_history.php

Home New Borrower Check In Borrower History Fines Management

Search by Borrower's CARD_ID Submit

Results for Search Text: 1004

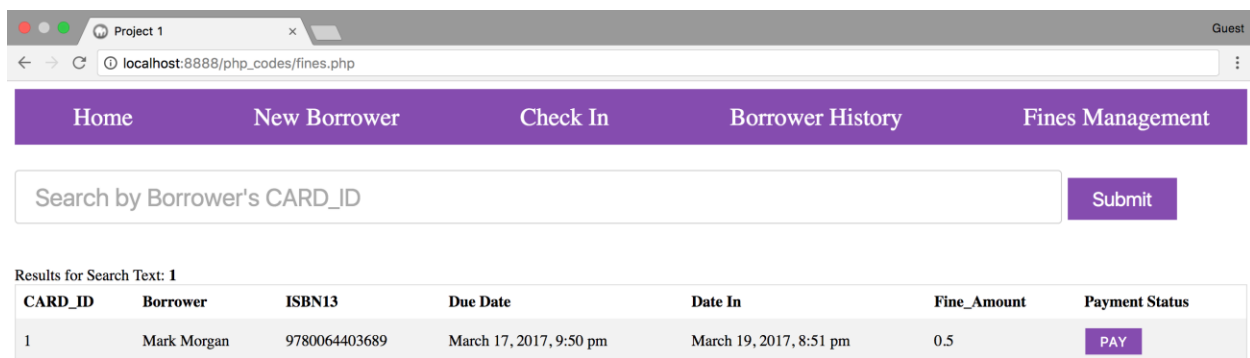
Borrower's Name :susmitha sri kadiyala
Borrower's CARD ID :1004

susmitha sri kadiyala's History

LOAN_ID	Book Name	ISBN13	Date Out	Due Date	Date In
52	Flu: The Story Of The Great Influenza Pandemic Of 1918 And The Search For The Virus That Caused It	9780374157067	March 19, 2017, 7:53 pm	April 2, 2017, 7:53 pm	March 19, 2017, 8:05 pm
53	A Girl Named Zippy: Growing Up Small In Mooreland Indiana	9780385499828	March 19, 2017, 7:54 pm	April 2, 2017, 7:54 pm	Yet to Submit

5. FINES

The details of fines for different books for a borrower can be known by searching with the borrower card ID. The total fine a borrower must pay is displayed then and the user can pay the fine by clicking the 'Pay' button. Also, the fines history for a user is displayed.



Project 1 x Guest

localhost:8888/php_codes/fines.php

Home New Borrower Check In Borrower History Fines Management

Search by Borrower's CARD_ID Submit

Results for Search Text: 1

CARD_ID	Borrower	ISBN13	Due Date	Date In	Fine_Amount	Payment Status
1	Mark Morgan	9780064403689	March 17, 2017, 9:50 pm	March 19, 2017, 8:51 pm	0.5	PAY