

QUICK START GUIDE

1. Search a book by book title (substring) such as eg: "harry potter".

The screenshot shows a web browser at localhost:8088/newpage1.php?tds. The page title is "Library System". Below the title is a search bar with the text "Search by ISBN13, Author or Title". A search button labeled "Find book" is below the search bar. Below the search bar are several links: "Refresh Home", "Check-In Book", "New User registration", "Pay Fine", and "Refresh fines". Below these links is a "Checkout:" label and a "check-out" button. Below the checkout button is the text "Results for harry potter". Below this text is a table with 4 columns: isbn, title, author, and available. The table contains 10 rows of data.

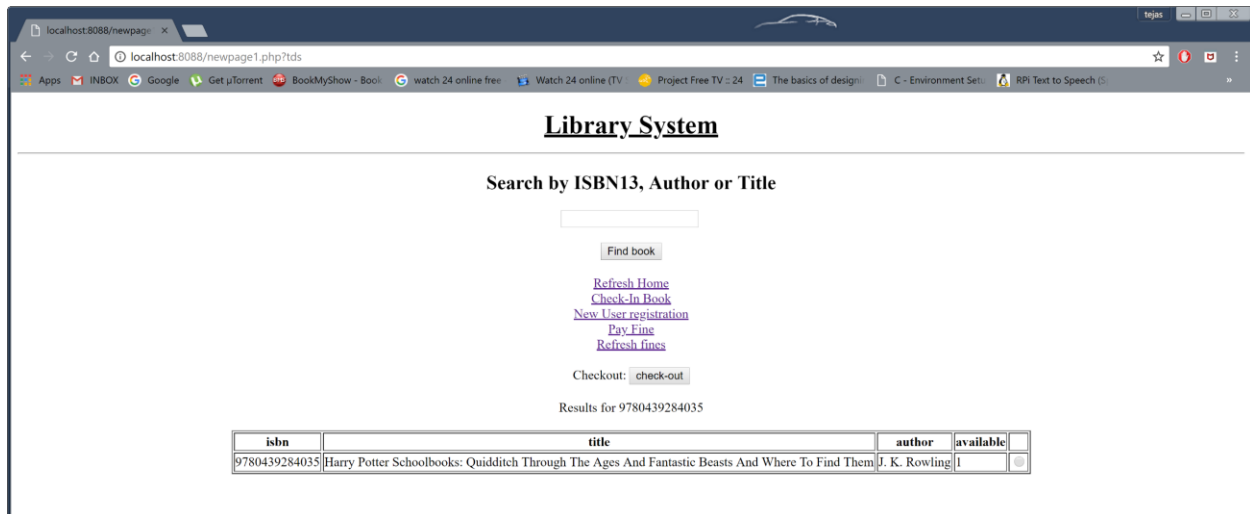
isbn	title	author	available
9780767908474	The Sorcerer's Companion: A Guide To The Magical World Of Harry Potter	Elizabeth Kronzek	1
9780767908474	The Sorcerer's Companion: A Guide To The Magical World Of Harry Potter	Allan Zola Kronzek	1
9780439064866	Harry Potter And The Chamber Of Secrets (Book 2)	J.K. Rowling	1
9780439136358	Harry Potter And The Prisoner Of Azkaban (Book 3)	J.K. Rowling	1
9780439136365	Harry Potter And The Prisoner Of Azkaban	J.K. Rowling	0
9780439139595	Harry Potter And The Goblet Of Fire (Book 4)	J.K. Rowling	1
9780439362139	Harry Potter And The Sorcerer's Stone (Book 1)	J.K. Rowling	1
9780590353403	Harry Potter And The Sorcerer's Stone (Book 1)	J.K. Rowling	1
9780590353427	Harry Potter And The Sorcerer's Stone (Book 1)	J.K. Rowling	1

2. Search a book by author's name.

The screenshot shows the same web browser at localhost:8088/newpage1.php?tds. The page title is "Library System". Below the title is a search bar with the text "Search by ISBN13, Author or Title". A search button labeled "Find book" is below the search bar. Below the search bar are several links: "Refresh Home", "Check-In Book", "New User registration", "Pay Fine", and "Refresh fines". Below these links is a "Checkout:" label and a "check-out" button. Below the checkout button is the text "Results for Rowling". Below this text is a table with 4 columns: isbn, title, author, and available. The table contains 10 rows of data.

isbn	title	author	available
9780439064866	Harry Potter And The Chamber Of Secrets (Book 2)	J.K. Rowling	1
9780439136358	Harry Potter And The Prisoner Of Azkaban (Book 3)	J.K. Rowling	1
9780439136365	Harry Potter And The Prisoner Of Azkaban	J.K. Rowling	0
9780439139595	Harry Potter And The Goblet Of Fire (Book 4)	J.K. Rowling	1
9780439362139	Harry Potter And The Sorcerer's Stone (Book 1)	J.K. Rowling	1
9780590353403	Harry Potter And The Sorcerer's Stone (Book 1)	J.K. Rowling	1
9780590353427	Harry Potter And The Sorcerer's Stone (Book 1)	J.K. Rowling	1
9780613325417	Fantastic Beasts And Where To Find Them (Turtleback School & Library Binding Edition)	J.K. Rowling	1
9780439064873	Harry Potter And The Chamber Of Secrets (Book 2)	J. K. Rowling	1

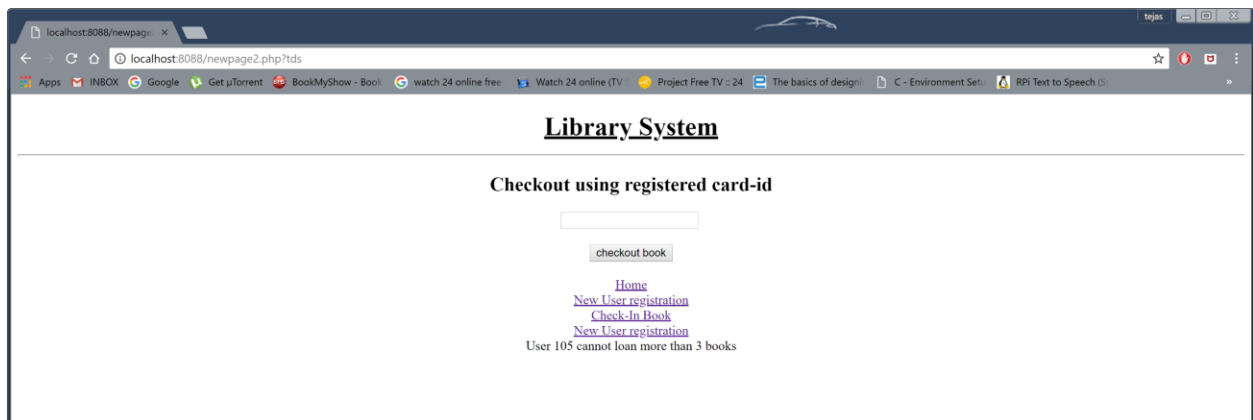
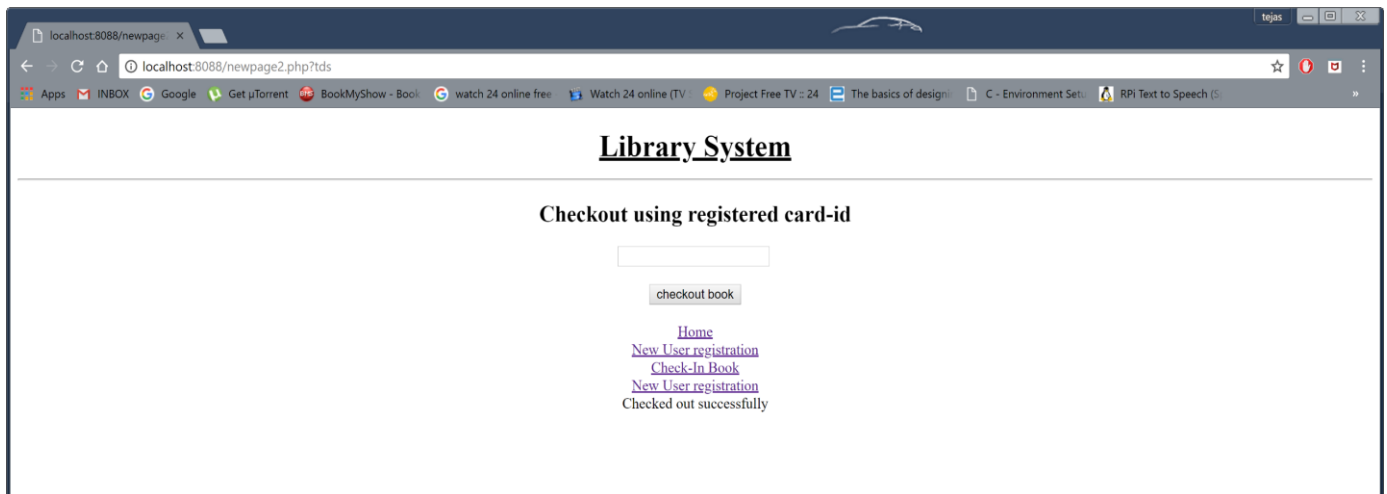
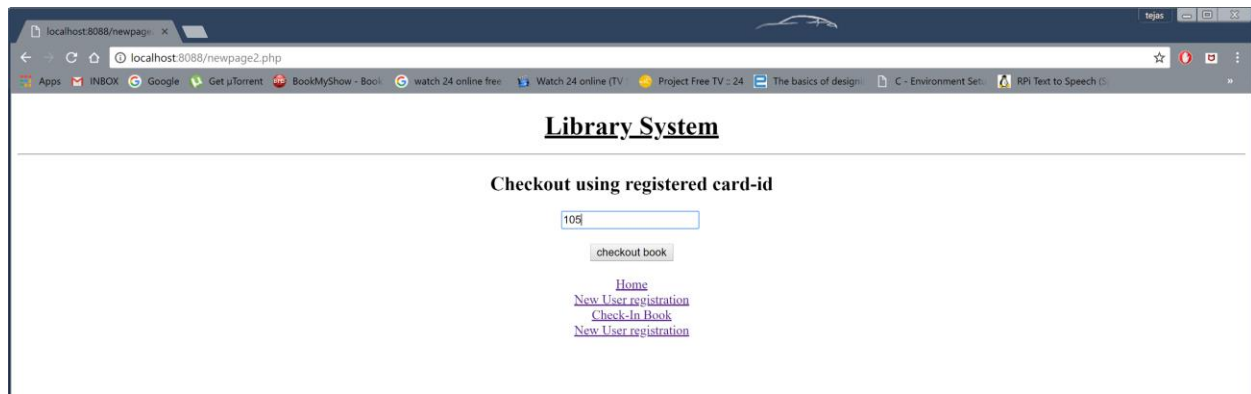
3. Search book by ISBN13 number of the book.



4. For any book selected, the checkout button appears to facilitate checkout of book. Availability is '1' if the book is available in the library. Availability is '0' if the book is not available in the library i.e., it is probably checked out by another customer. Only one checkout is allowed per instance. Checkout by pressing the check-out button.



5. Enter the Registered Card ID of the borrower/customer to checkout book. Here we are checking out book for borrower with Card ID: 105. Press check-out book button to checkout book for the customer. A message "Checked out Successfully" appears to validate the checkout. (PIC 2 next page).
- If a borrower has already borrowed 3 books, the borrower is not allowed to borrow any more books from the library as the maximum book loans per borrower is 3. (PIC 3 next page).



- Press Check-In Book button in home page to check-in a book. In the check-in page you may search for a book loan using borrower name or isbn13 of the borrowed book or Card ID of the borrower.

Library System

Please checkin book by ISBN13/Card Id/Name

[Home](#)
[New User registration](#)
[Pay Fine](#)
[Check-In Book](#)
[Refresh fines](#)
Results for: 105

Card Id	Name	isbn13	title	due_date
105	Catherine Reid	9780061003684	Death Comes As The End	2017-12-26
105	Catherine Reid	9780439136365	Harry Potter And The Prisoner Of Azkaban	2018-02-26
105	Catherine Reid	9780006476337	Scorpio Illusion	2018-01-26

Check-In Book:

- Select one of the books and press check-in button to check in the book into the system. A message “checked in successfully” appears to validate the check-in of the book into the system.

[Go back Home Refresh fines](#)
checked in successfully

- If tried checking in using nonexistent values in search bar a message appears saying “no record found”.

Library System

Please checkin book by ISBN13/Card Id/Name

[Find Loan](#)

[Home](#)
[New User registration](#)
[Pay Fine](#)
[Check-In Book](#)
[Refresh fines](#)

Results for: lkjh
no record found

9. New User registration does not accept registration if the SSN already exists in the system. Every borrower is registered with their SSN in the system. No duplicate SSN values are accepted.

Library System

New User Registration

SSN: 123-77-6009

Name: Tejas Ravi Rao

Address: 7421 Frankford Rd, Dallas,T

Phone: 4699871234

[Register](#)

[Home](#)
[Refresh fines](#)
[Check-In Book](#)
[New User registration](#)

Library System

New User Registration

SSN:

Name:

Address:

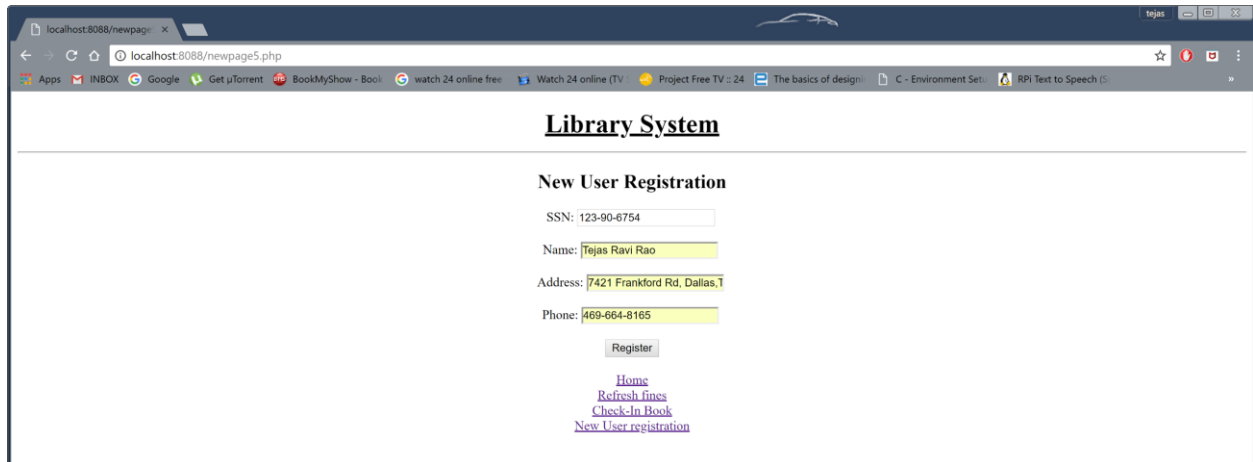
Phone:

[Register](#)

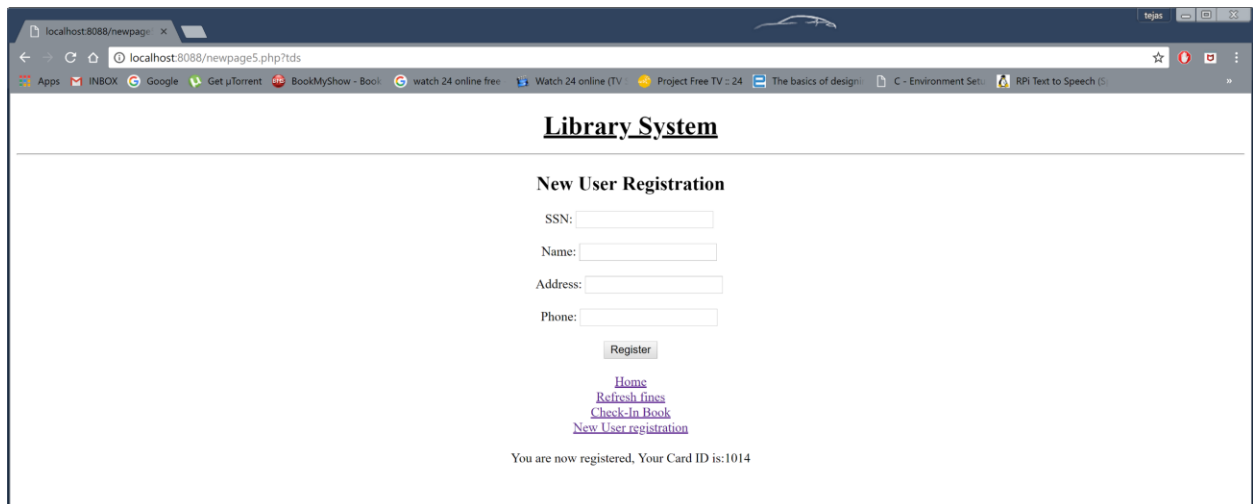
[Home](#)
[Refresh fines](#)
[Check-In Book](#)
[New User registration](#)

user already exists, please input different ssn

10. New User Registration

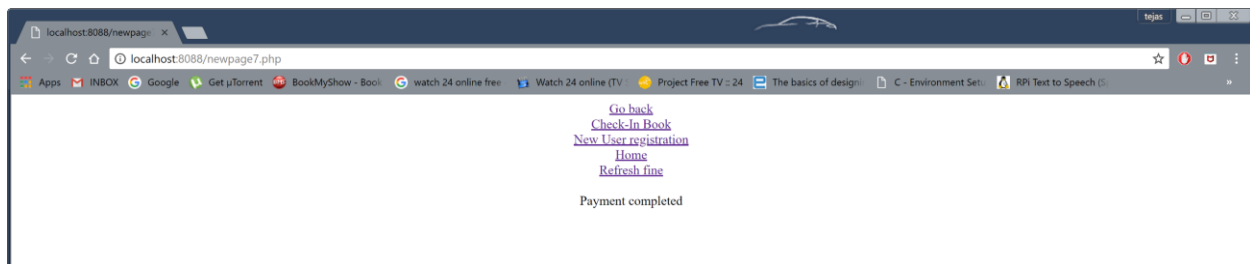
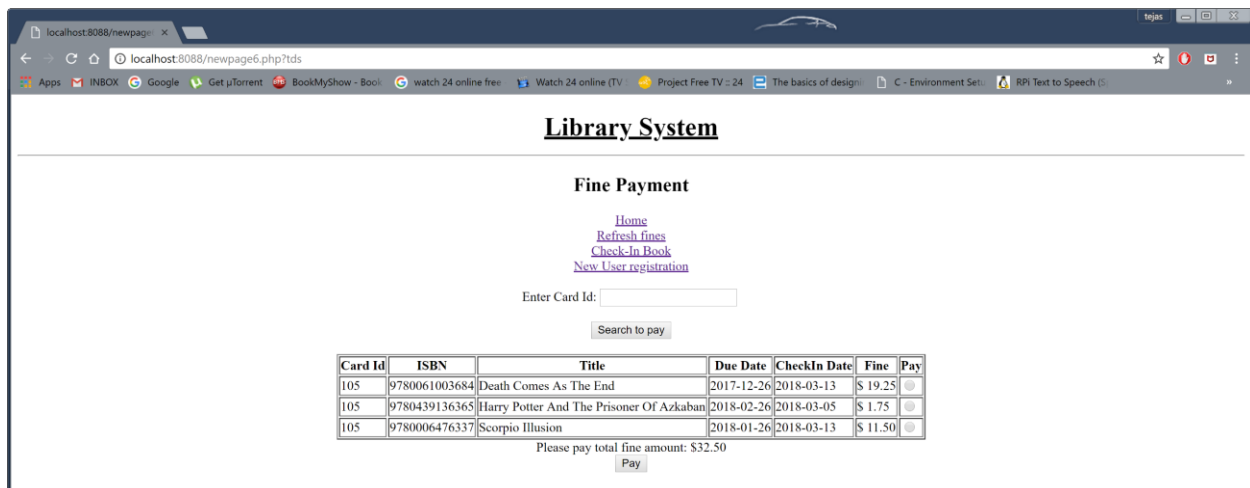


A screenshot of a web browser displaying the 'Library System' New User Registration page. The browser's address bar shows 'localhost:8088/newpage5.php'. The page has a dark blue header with the title 'Library System' in white. Below the header, the 'New User Registration' section contains four input fields: 'SSN: 123-90-6754', 'Name: Tejas Ravi Rao', 'Address: 7421 Frankford Rd, Dallas, T', and 'Phone: 469-664-8165'. A 'Register' button is positioned below these fields. At the bottom of the form, there are four links: 'Home', 'Refresh fines', 'Check-In Book', and 'New User registration'.



A screenshot of the same 'Library System' New User Registration page, but after successful registration. The input fields for SSN, Name, Address, and Phone are now empty. The 'Register' button remains. The links 'Home', 'Refresh fines', 'Check-In Book', and 'New User registration' are still present. At the bottom of the page, a confirmation message reads: 'You are now registered, Your Card ID is:1014'.

11. Process payment of fines for delayed returns. Payment for fine of each loan is done independently. Fines are processed based on Card ID. Total fines of all outstanding book loans of the borrower are displayed. Choose which fine to be processed and press Pay button at the bottom. Payment completion validation appears after processing payment. (PIC 2 next page).



12. Always Press the Refresh fines button

- After launching the application.
- Before and after book Check-In.
- Before and after processing fine payment.

