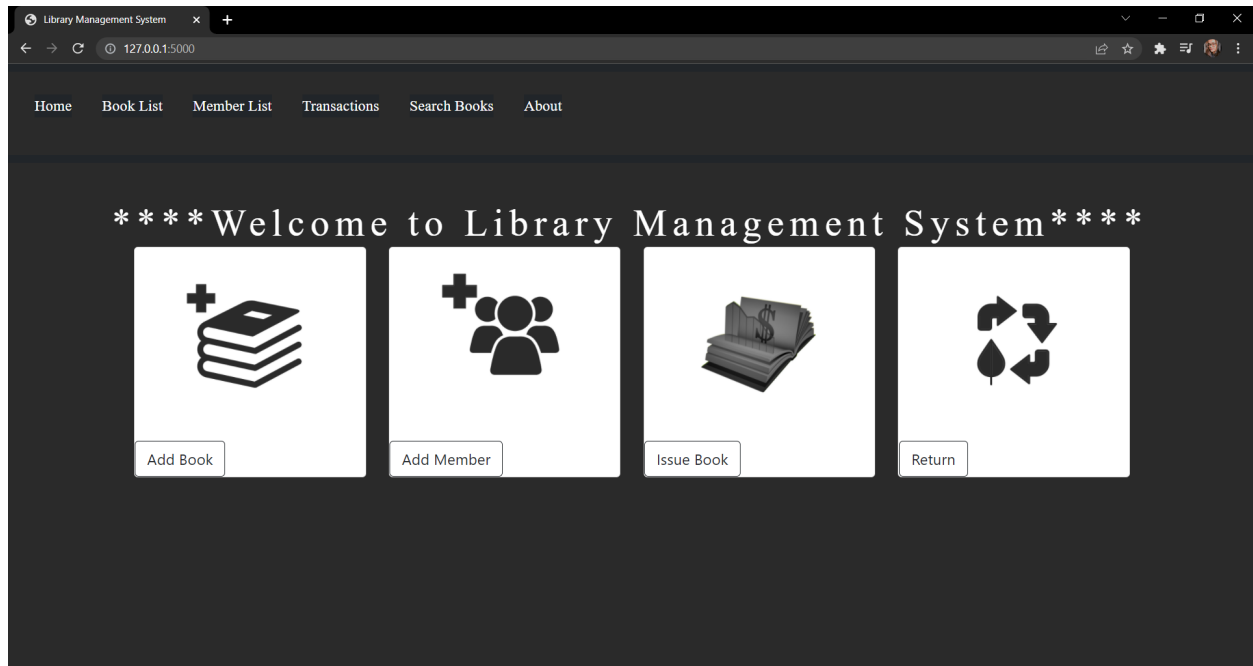
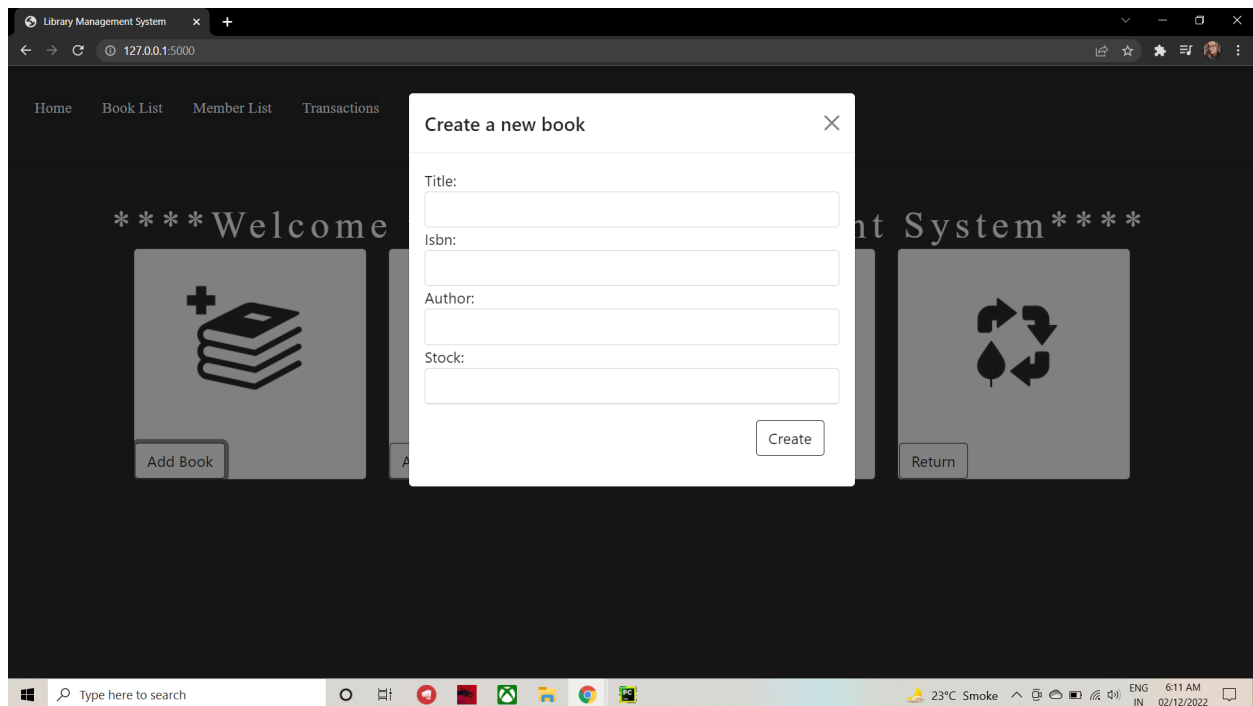


- **Home Page:**



- **Add Book :**



- **Add Member :**

The screenshot displays the 'Library Management System' web application. The browser's address bar shows the URL '127.0.0.1:5000'. The application has a navigation bar with links: Home, Book List, Member List, and Transactions. The main content area features a 'Welcome' message and four large buttons: 'Add Book', 'Add Member', 'Issue Book', and 'Return'. The 'Add Member' button is highlighted, and a modal form titled 'Add new Member' is open. The modal form contains three input fields: 'Name:', 'Username:', and 'Phone Number:', followed by an 'Add' button. The background of the application is dark gray with a '*** Welcome ***' message and a 'Library Management System' title.

Library Management System

Home Book List Member List Transactions

*** Welcome ***

Add Book Add Member Issue Book Return

Add new Member

Name:

Username:

Phone Number:

Add

- **Issue Book :**

The screenshot displays the 'Library Management System' web application. The browser's address bar shows the URL '127.0.0.1:5000'. The application has a navigation bar with links: Home, Book List, Member List, and Transactions. The main content area features a 'Welcome' message and four large buttons: 'Add Book', 'Add Member', 'Issue Book', and 'Return'. The 'Issue Book' button is highlighted, and a modal form titled 'Issue Book' is open. The modal form contains two input fields: 'Book Title:' and 'Issue to:', followed by an 'Issue' button. The background of the application is dark gray with a '*** Welcome ***' message and a 'Library Management System' title.

Library Management System

Home Book List Member List Transactions

*** Welcome ***

Add Book Add Member Issue Book Return

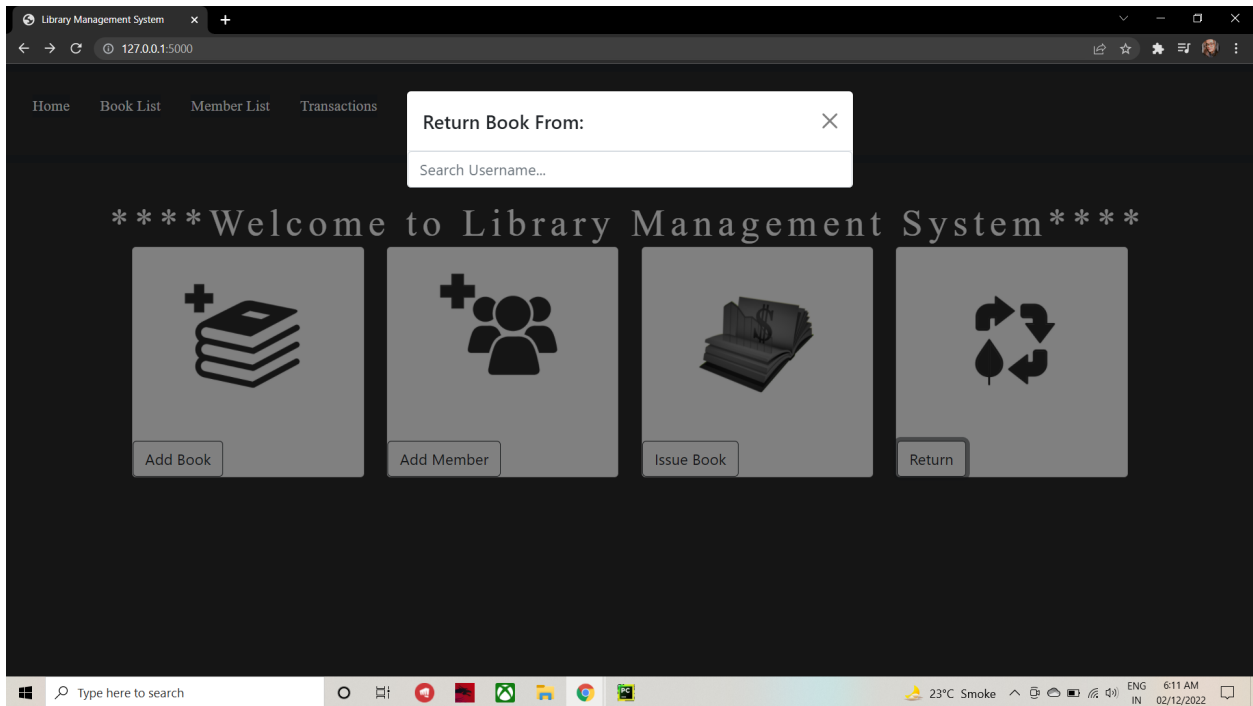
Issue Book

Book Title:

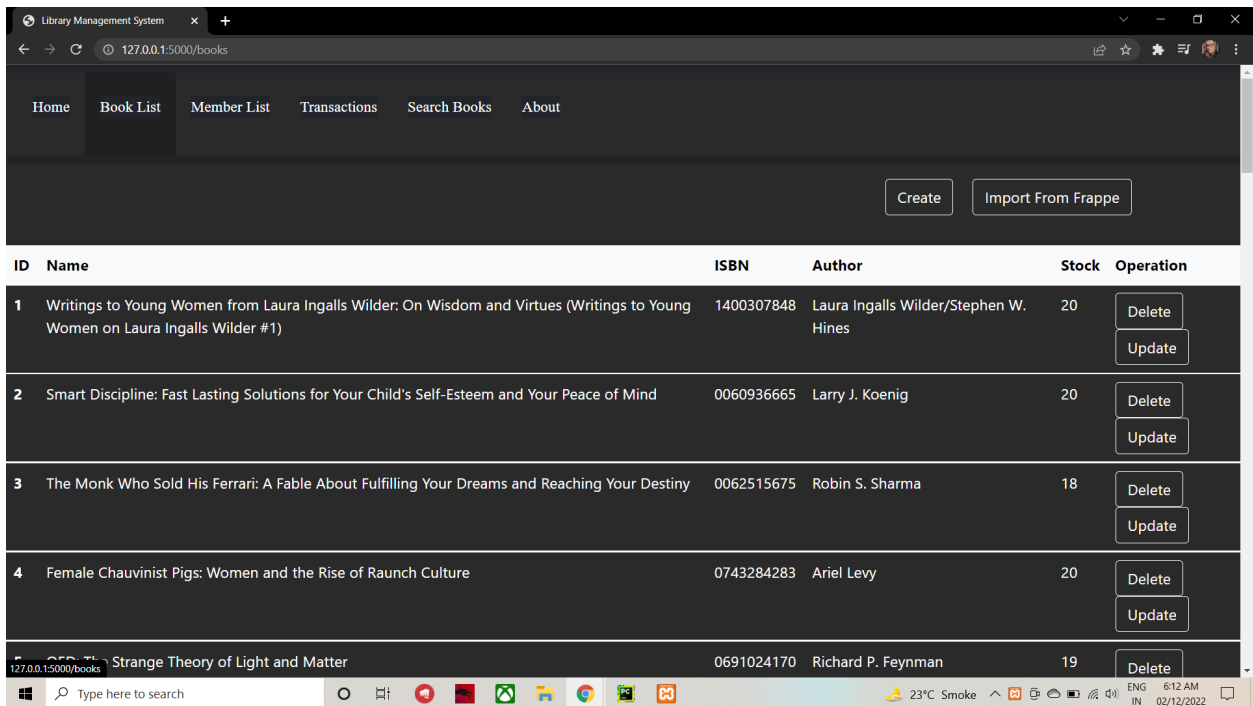
Issue to:

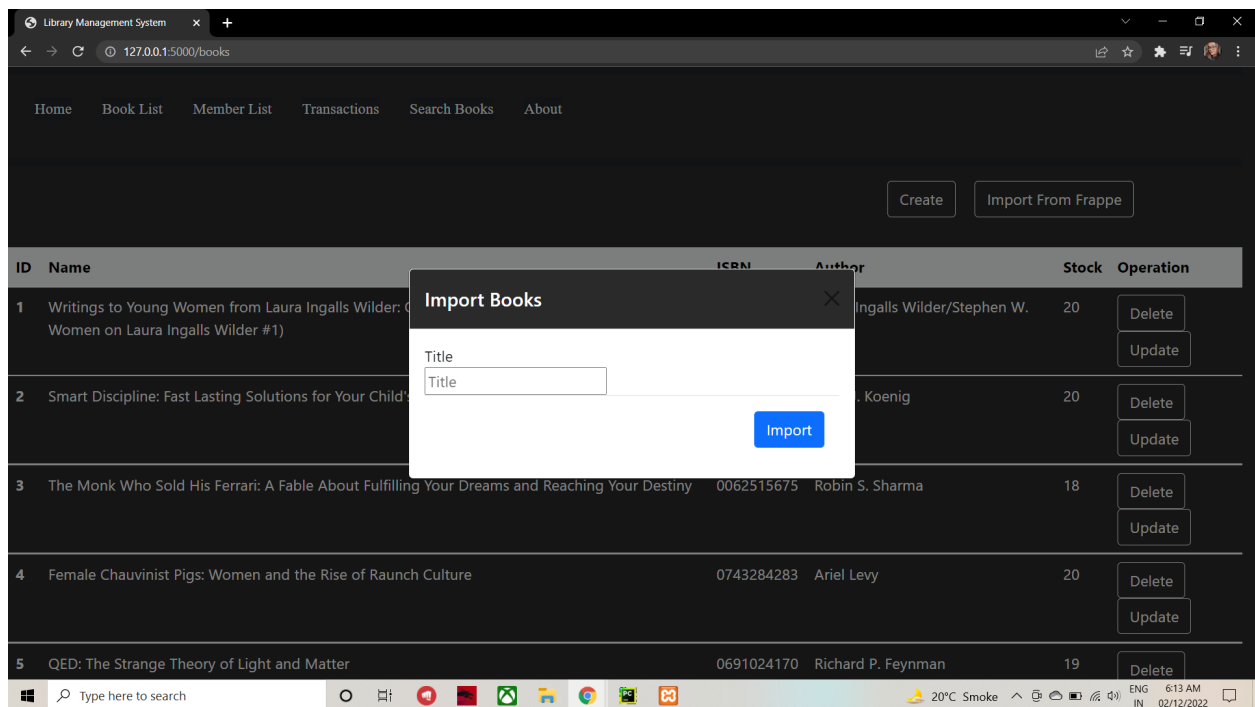
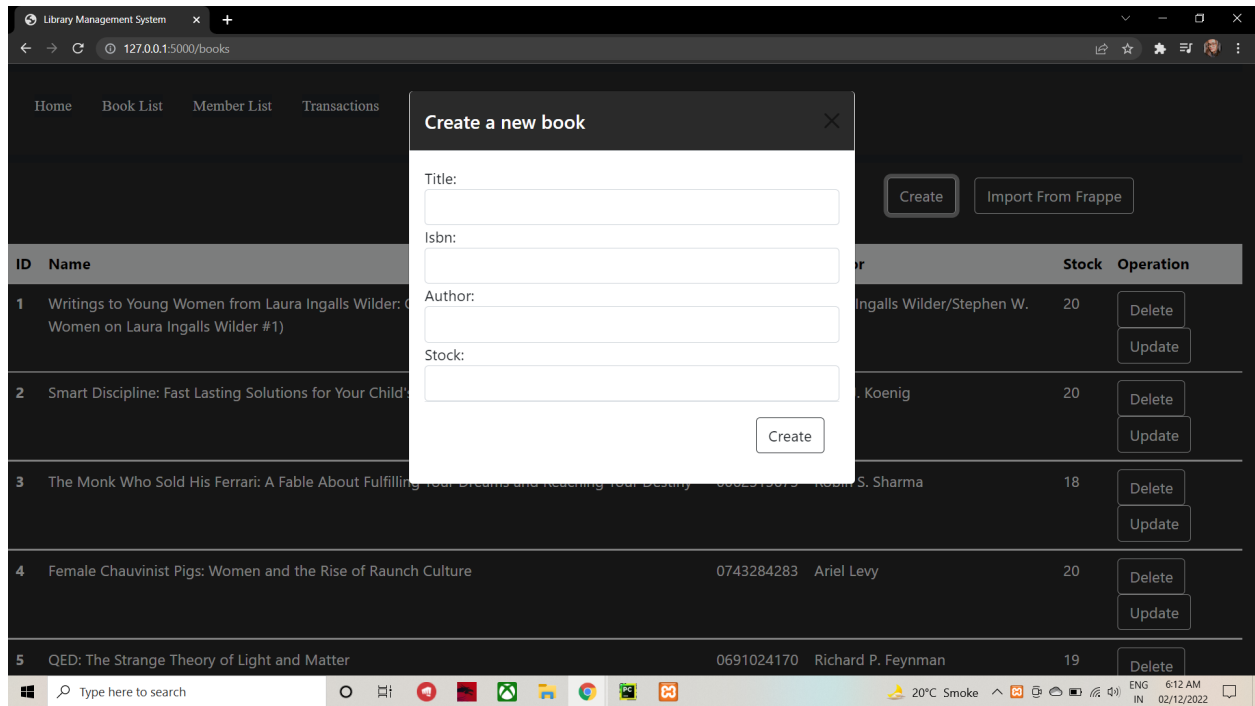
Issue

- **Return Book :**



- **Book List Section :**





Library Management System

127.0.0.1:5000/books

Home Book List Member List Transactions Search Books About

Create Import From Frappe

ID	Name	ISBN	Author	Stock	Operation
1	Writings to Young Women from Laura Ingalls Wilder: On Wisdom and Virtues (Writings to Young Women on Laura Ingalls Wilder #1)		Laura Ingalls Wilder/Stephen W. Hines	20	Delete Update
2	Smart Discipline: Fast Lasting Solutions for Your Child's Behavior		Dr. Robert Koenig	20	Delete Update
3	The Monk Who Sold His Ferrari: A Fable About Fulfilling Your Dreams and Reaching Your Destiny		Robin S. Sharma	18	Delete Update
4	Female Chauvinist Pigs: Women and the Rise of Raunch Culture	0743284283	Ariel Levy	20	Delete Update
5	QED: The Strange Theory of Light and Matter	0691024170	Richard P. Feynman	19	Delete

Are you sure you want to delete ?

Writings to Young Women from Laura Ingalls Wilder: On Wisdom and Virtues (Writings to Young Women on Laura Ingalls Wilder #1)
-by Laura Ingalls Wilder/Stephen W. Hines

Close Delete

Type here to search

20°C Polluted air

ENG 6:13 AM
IN 02/12/2022

Library Management System

127.0.0.1:5000/books

Home Book List Member List Transactions

Create Import From Frappe

ID	Name	ISBN	Author	Stock	Operation
1	Writings to Young Women from Laura Ingalls Wilder: On Wisdom and Virtues (Writings to Young Women on Laura Ingalls Wilder #1)		Laura Ingalls Wilder/Stephen W. Hines	20	Delete Update
2	Smart Discipline: Fast Lasting Solutions for Your Child's Behavior		Dr. Robert Koenig	20	Delete Update
3	The Monk Who Sold His Ferrari: A Fable About Fulfilling Your Dreams and Reaching Your Destiny		Robin S. Sharma	18	Delete Update
4	Female Chauvinist Pigs: Women and the Rise of Raunch Culture	0743284283	Ariel Levy	20	Delete Update
5	QED: The Strange Theory of Light and Matter	0691024170	Richard P. Feynman	19	Delete

Update book

Title:
Writings to Young Women from Laura Ingalls Wilder: On V

ISBN:
1400307848

Author:
Laura Ingalls Wilder/Stephen W. Hines

Stock:
20

Update

Type here to search

20°C Polluted air

ENG 6:13 AM
IN 02/12/2022

- Member List Section :

Library Management System

127.0.0.1:5000/members

Home Book List Member List Transactions Search Books About

Search Username... Add New Member

ID	Name	Username	Phone-Number	Total Paid	Operation
1	Anay Sharma	Anay_45	9085489302	93	Delete Update
2	Bhaavik Mehra	BMehra98	8967548390	76	Delete Update
3	Nirvan Malhotra	Nirvan76	9075864930	89	Delete Update
4	Vihana Saxsena	vihaS_30	8996547381	54	Delete Update
5	Zeeshan Ali	ZeeA92	9870986543	76	Delete Update
6	Seher Singh	SeherS1999	9832451689	3	Delete Update
7	Myra Bansal	MyraBansal90	8975467381	65	Delete Update

Library Management System

127.0.0.1:5000/members

Home Book List Member List Transactions Search Books About

Nirvan76 Add New Member

ID	Name	Username	Phone-Number	Total Paid	Operation
1	Anay Sharma	Anay_45	9085489302	93	Delete Update
2	Bhaavik Mehra	BMehra98	8967548390	76	Delete Update
3	Nirvan Malhotra	Nirvan76	9075864930	89	Delete Update
4	Vihana Saxsena	vihaS_30	8996547381	54	Delete Update
5	Zeeshan Ali	ZeeA92	9870986543	76	Delete Update
6	Seher Singh	SeherS1999	9832451689	3	Delete Update
7	Myra Bansal	MyraBansal90	8975467381	65	Delete Update

The screenshot shows a web browser window titled "Library Management System" with the URL "127.0.0.1:5000/searchmem". The navigation bar includes links for Home, Book List, Member List, Transactions, Search Books, and About. The main content area displays a table with the following data:

**	Name	Username	Phone-Number	Total Paid	Operation
	Nirvan Malhotra	Nirvan76	9075864930	89	<button>Update</button>

The Windows taskbar at the bottom shows the search bar, task view button, and several application icons. The system tray on the right indicates a temperature of 20°C, smoke status, and the date/time: 6:14 AM on 02/12/2022.

The screenshot shows the "Library Management System" web application with the URL "127.0.0.1:5000/members". The navigation bar includes links for Home, Book List, Member List, and Transactions. An "Add new Member" modal is open, displaying input fields for Name, Username, and Phone Number, along with an "Add" button. The background shows a table of members with the following data:

ID	Name	Username	Operation
1	Anay Sharma	Anay_45	<button>Delete</button> <button>Update</button>
2	Bhaavik Mehra	BMehra98	<button>Delete</button> <button>Update</button>
3	Nirvan Malhotra	Nirvan76	<button>Delete</button> <button>Update</button>
4	Vihana Saxsena	vihaS_30	<button>Delete</button> <button>Update</button>
5	Zeehan Ali	ZeeA92	<button>Delete</button> <button>Update</button>
6	Seher Singh	SeherS1999	<button>Delete</button> <button>Update</button>
7	Myra Bansal	MyraBansal90	<button>Delete</button> <button>Update</button>
8	Iraan Khao	IVK45	<button>Delete</button> <button>Update</button>

The Windows taskbar at the bottom shows the search bar, task view button, and several application icons. The system tray on the right indicates a temperature of 20°C, smoke status, and the date/time: 6:15 AM on 02/12/2022.

Library Management System x +

127.0.0.1:5000/members

Home Book List Member List Transactions Search Books About

Nirvan76 Add New Member

ID	Name	Username	Phone-Number	Total Paid	Operation
1	Anay Sharma	Anay_45			Delete Update
2	Bhaavik Mehra	BMehra98			Delete Update
3	Nirvan Malhotra	Nirvan76			Delete Update
4	Vihana Saxsena	vihaS_30	8996547381	54	Delete Update
5	Zeeshan Ali	ZeeA92	9870986543	76	Delete Update
6	Seher Singh	SeherS1999	9832451689	3	Delete Update
7	Myra Bansal	MyraBansal90	8975467381	65	Delete Update
8	Ishan Khan	IVK45	8765456789	0	Delete Update

Are you sure you want to Delete

Anay Sharma ?

Close Delete

Type here to search

20°C Smoke ENG IN 6:15 AM 02/12/2022

Library Management System x +

127.0.0.1:5000/members

Home Book List Member List Transactions

Add New Member

ID	Name	Username	Phone-Number	Total Paid	Operation
1	Anay Sharma	Anay_45			Delete Update
2	Bhaavik Mehra	BMehra98			Delete Update
3	Nirvan Malhotra	Nirvan76			Delete Update
4	Vihana Saxsena	vihaS_30	8996547381	54	Delete Update
5	Zeeshan Ali	ZeeA92	9870986543	76	Delete Update
6	Seher Singh	SeherS1999	9832451689	3	Delete Update
7	Myra Bansal	MyraBansal90	8975467381	65	Delete Update
8	Ishan Khan	IVK45	8765456789	0	Delete Update

Update Member

Name: Anay Sharma

Username: Anay_45

Phone Number: 9085489302

Total paid: 93

Update

Type here to search

20°C Smoke ENG IN 6:15 AM 02/12/2022

- Transaction Section :

Library Management System

127.0.0.1:5000/transactions

Home Book List Member List Transactions Search Books About

☒ Search by Title ☐ Search by Username

Enter your search words

Search

Book Title	Username	Date of Issue	Date of Expected Return	Date of Return	Fine	Operation
The Monk Who Sold His Ferrari: A Fable About Fulfilling Your Dreams and Reaching Your Destiny	Nirvan76	2022-01-17 00:00:00	2022-01-18 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>
QED: The Strange Theory of Light and Matter	IVK45	2022-01-17 00:00:00	2022-01-31 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>
Memoranda	Anay_45	2022-01-17 00:00:00	2022-01-31 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>
The Monk Who Sold His Ferrari: A Fable About Fulfilling Your Dreams and Reaching Your Destiny	SeherS1999	2022-01-17 00:00:00	2022-01-31 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>

Library Management System

127.0.0.1:5000/transactions

Home Book List Member List Transactions Search Books About

☒ Search by Title ☐ Search by Username

Enter your search words

The Monk Who Sold His Ferrari: A Fable

Search

Book Title	Username	Date of Issue	Date of Expected Return	Date of Return	Fine	Operation
The Monk Who Sold His Ferrari: A Fable About Fulfilling Your Dreams and Reaching Your Destiny	Nirvan76	2022-01-17 00:00:00	2022-01-18 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>
QED: The Strange Theory of Light and Matter	IVK45	2022-01-17 00:00:00	2022-01-31 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>
Memoranda	Anay_45	2022-01-17 00:00:00	2022-01-31 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>
The Monk Who Sold His Ferrari: A Fable About Fulfilling Your Dreams and Reaching Your Destiny	SeherS1999	2022-01-17 00:00:00	2022-01-31 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>

Library Management System x +

127.0.0.1:5000/display_members

Home Book List Member List Transactions Search Books About

Book Title	Username	Date of Issue	Date of Expected Return	Date of Return	Fine	Operation
The Monk Who Sold His Ferrari: A Fable About Fulfilling Your Dreams and Reaching Your Destiny	Nirvan76	2022-01-17 00:00:00	2022-01-18 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>
The Monk Who Sold His Ferrari: A Fable About Fulfilling Your Dreams and Reaching Your Destiny	SeherS1999	2022-01-17 00:00:00	2022-01-31 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>

Type here to search

20°C Smoke ENG IN 6:16 AM 02/12/2022

Library Management System x +

127.0.0.1:5000/transactions

Home Book List Member List Transactions Search Books About

☐ Search by Title ☒ Search by Username

Enter your search words

Nirvan76

Search

Book Title	Username	Date of Issue	Date of Expected Return	Date of Return	Fine	Operation
The Monk Who Sold His Ferrari: A Fable About Fulfilling Your Dreams and Reaching Your Destiny	Nirvan76	2022-01-17 00:00:00	2022-01-18 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>
QED: The Strange Theory of Light and Matter	IVK45	2022-01-17 00:00:00	2022-01-31 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>
Memoranda	Anay_45	2022-01-17 00:00:00	2022-01-31 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>
The Monk Who Sold His Ferrari: A Fable About Fulfilling Your Dreams and Reaching Your Destiny	SeherS1999	2022-01-17 00:00:00	2022-01-31 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>

Type here to search

20°C Smoke ENG IN 6:17 AM 02/12/2022

Library Management System x +

127.0.0.1:5000/display_members

Home Book List Member List Transactions Search Books About

Book Title	Username	Date of Issue	Date of Expected Return	Date of Return	Fine	Operation
The Monk Who Sold His Ferrari: A Fable About Fulfilling Your Dreams and Reaching Your Destiny	Nirvan76	2022-01-17 00:00:00	2022-01-18 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>

Type here to search

20°C Smoke ENG IN 6:17 AM 02/12/2022

Library Management System x +

127.0.0.1:5000/transactions

Home Book List Member List Transactions

Update Return

Username:
Nirvan76

Date of Return:
2022-01-17 00:00:00

Fine:
0

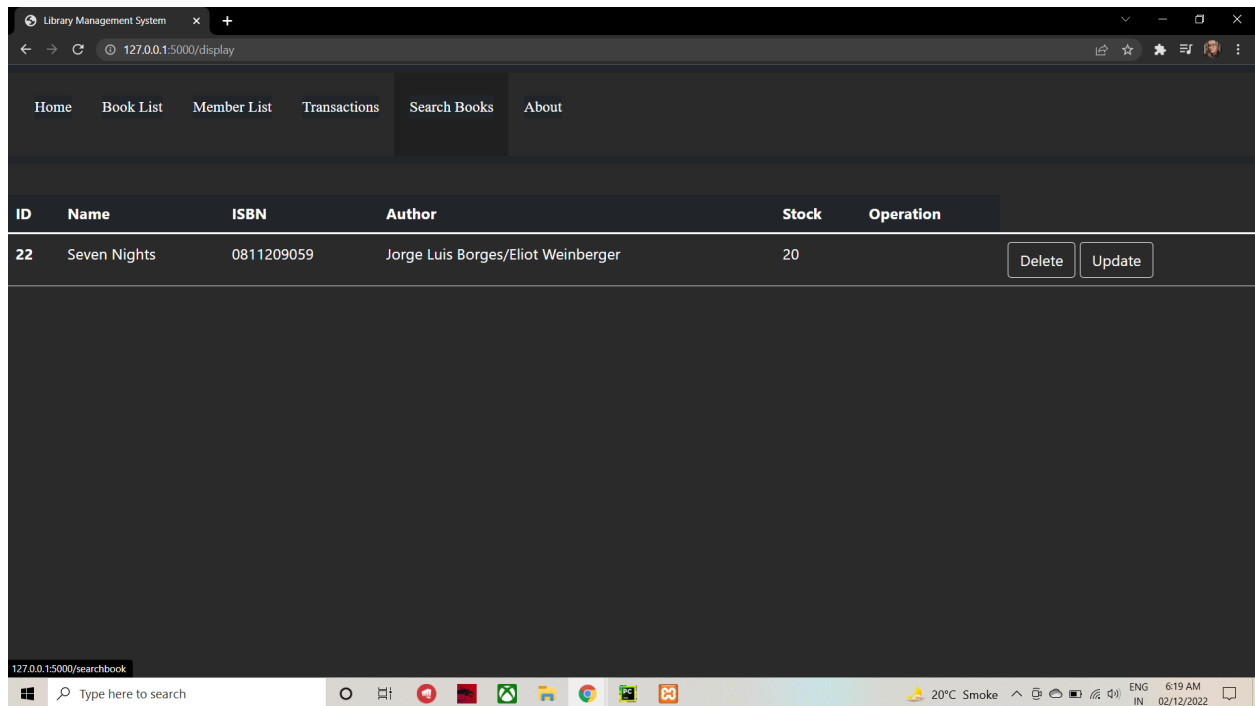
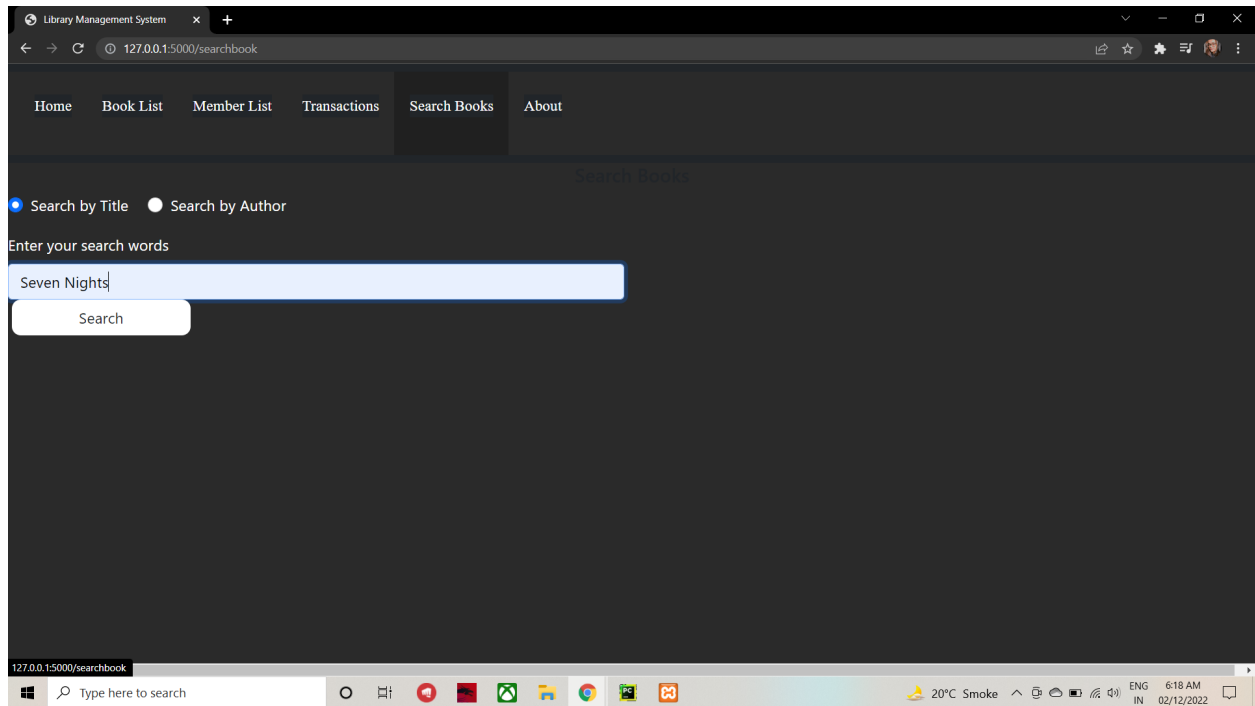
Update

Book Title	Username	Date of Issue	Date of Expected Return	Date of Return	Fine	Operation
The Monk Who Sold His Ferrari: A Fable About Fulfilling Your Dreams and Reaching Your Destiny	Nirvan76	2022-01-17 00:00:00	2022-01-18 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>
QED: The Strange Theory of Light and Matter	IVK45	2022-01-17 00:00:00	2022-01-31 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>
Memoranda	Anay_45	2022-01-17 00:00:00	2022-01-31 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>
The Monk Who Sold His Ferrari: A Fable About Fulfilling Your Dreams and Reaching Your Destiny	SeherS1999	2022-01-17 00:00:00	2022-01-31 00:00:00	2022-01-17 00:00:00	0	<button>Update</button>

Type here to search

20°C Smoke ENG IN 6:20 AM 02/12/2022

- **Search Books Section:**



Library Management System x +

127.0.0.1:5000/searchbook

Home Book List Member List Transactions Search Books About

Search Books

☐ Search by Title ☒ Search by Author

Enter your search words

Chuck Klosterman

Search

127.0.0.1:5000/searchbook

Type here to search

20°C Smoke ENG IN 6:19 AM 02/12/2022

Library Management System x +

127.0.0.1:5000/display

Home Book List Member List Transactions Search Books About

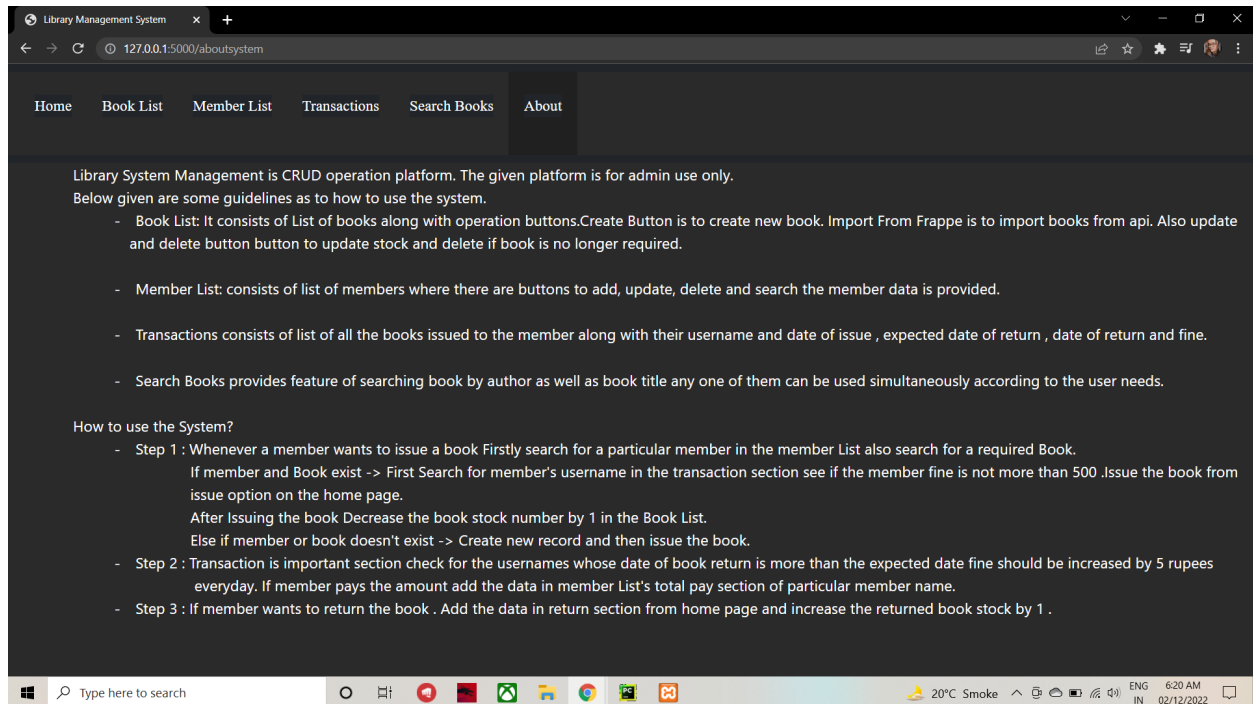
ID	Name	ISBN	Author	Stock	Operation
24	Pégate un tiro para sobrevivir: un viaje personal por la América de los mitos	8439720033	Chuck Klosterman	20	<button>Delete</button> <button>Update</button>

127.0.0.1:5000/searchbook

Type here to search

20°C Smoke ENG IN 6:19 AM 02/12/2022

• About Section :



The screenshot shows a web browser window titled "Library Management System" with the address bar displaying "127.0.0.1:5000/aboutsystem". The page has a dark theme and a navigation menu with links: Home, Book List, Member List, Transactions, Search Books, and About. The "About" link is highlighted. The main content area contains the following text:

Library System Management is CRUD operation platform. The given platform is for admin use only. Below given are some guidelines as to how to use the system.

- Book List: It consists of List of books along with operation buttons. Create Button is to create new book. Import From Frappe is to import books from api. Also update and delete button to update stock and delete if book is no longer required.
- Member List: consists of list of members where there are buttons to add, update, delete and search the member data is provided.
- Transactions consists of list of all the books issued to the member along with their username and date of issue , expected date of return , date of return and fine.
- Search Books provides feature of searching book by author as well as book title any one of them can be used simultaneously according to the user needs.

How to use the System?

- Step 1 : Whenever a member wants to issue a book Firstly search for a particular member in the member List also search for a required Book. If member and Book exist -> First Search for member's username in the transaction section see if the member fine is not more than 500 .Issue the book from issue option on the home page. After Issuing the book Decrease the book stock number by 1 in the Book List. Else if member or book doesn't exist -> Create new record and then issue the book.
- Step 2 : Transaction is important section check for the usernames whose date of book return is more than the expected date fine should be increased by 5 rupees everyday. If member pays the amount add the data in member List's total pay section of particular member name.
- Step 3 : If member wants to return the book . Add the data in return section from home page and increase the returned book stock by 1 .

The bottom of the screenshot shows a Windows taskbar with a search bar, several application icons, and system status information including temperature (20°C), weather (Smoke), and date/time (6:20 AM, 02/12/2022).