

# **My Dream Diary**

**This Application is developed by Using following Technologies and APIs :-**

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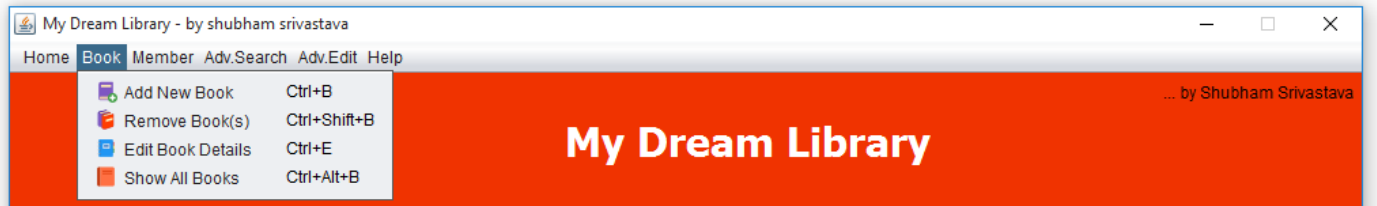
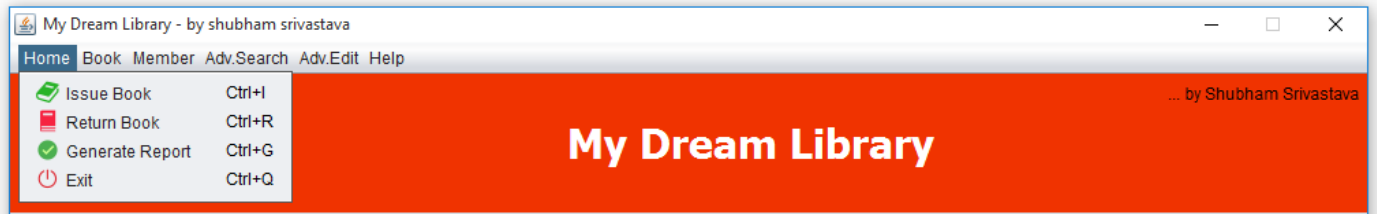
- **Java JDK 8.0**
- **MySQL Server 5.6.21**
- **IText\_5.0.6 API**

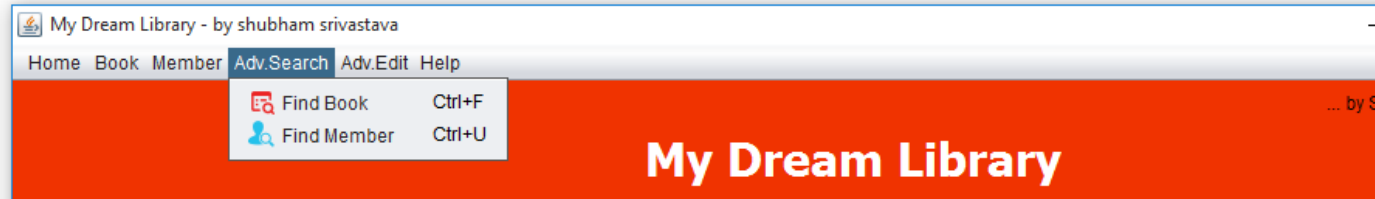
**Default Screen of Application**

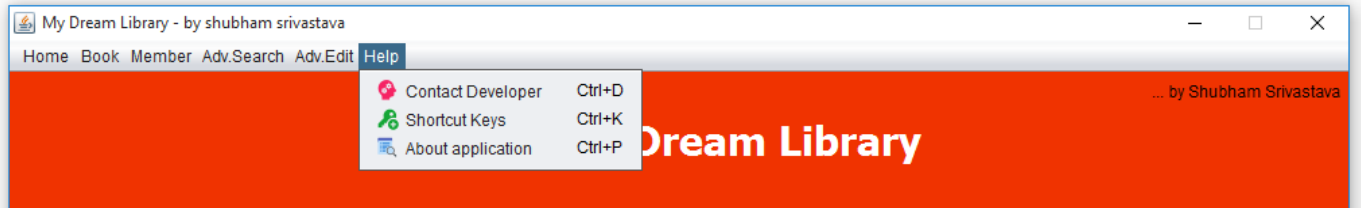
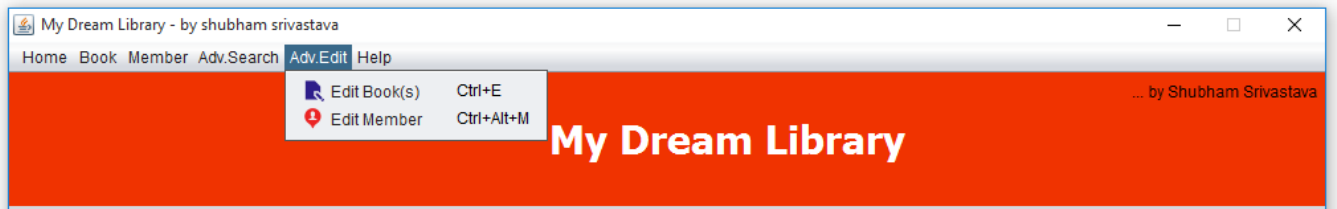
# My Dream Library



# Menu of Application








**"Issue Book" Menu-Item Clicked**

My Dream Library - by shubham srivastava

Home Book Member Adv.Search Adv.Edit Help



# My Dream Library

... by Shubham Srivastava

## Issue Book

Enter Member Id :

Back

Next

## Issue-Book : Step 1.a - Form Validation

**Issue Book**

Enter Member Id :

[Back](#) [Next](#)

OOPs...Member Id is not Entered !

## Issue-Book : Step 1.b - Invalid Id Entered

## Issue Book

Enter Member Id :

Back

Next

OOPS...This Member does not Exists, Retry!

**Issue-Book : Step 1.c - If a book is already Issued**



# Issue Book

Enter Member Id :

Back

Show Data


Next

OOPs! Rohit[1007] took (1) [10002] Cpp Book on Sep 24,2019

**Issue-Book : Step 2 - If a Valid Member's Id is entered ...**

My Dream Library - by shubham srivastava

Home Book Member Adv.Search Adv.Edit Help



# My Dream Library

... by Shubham Srivastava

## Issue Book

Date of Book Issue

Member : [S] 1012

Wed Sep 25,2019

Jitu

Enter Book Id / Name / Type / Author : 

Select Condition

Cancel

Change Member

Next

## Issue-Book : Step 2.a - Form is validated

### Issue Book

Date of Book Issue

Wed Sep 25,2019

Member : [S] 1012

Jitu

Enter Book Id / Name / Type / Author :

Select Condition ▼

Cancel

Change Member

Next

OOPs...Some Fields are Empty !

## Issue-Book : Step 2\_b - If Search Condition is not Selected...

### Issue Book

Date of Book Issue

Wed Sep 25,2019

Member : [S] 1012

Jitu

Enter Book Id / Name / Type / Author :

Select Condition ▼

10012

Cancel

Change Member

Next

OOPs....Search Condition is not Selected !

## Issue-Book : Step 2\_c - If Valid Book Id and Condition Given...

### Issue Book

Date of Book Issue

Wed Sep 25,2019

Member : [S] 1012

Jitu

Enter Book Id / Name / Type / Author :

Name

Visual

Cancel

Change Member

Next

## Issue-Book : Step 3\_a - If Valid Book Id and Condition Given, Data Related to Book and

# Member is fetched and Set

Date of Issue

Sep 25,2019

Issue Book

Member : Jitu

[S] 1012

Visual Basic [10004] - Manoj ( 4 ) : GUI

Book Id : 10004

Book Name : Visual Basic

Author : Manoj

Type : GUI

Availables : 4

Cancel

Re-Search

Selected

## Issue-Book : Step 3\_b - If few characters are given then Data Related to Books and Member is fetched and Set

### Issue Book

Date of Book Issue

Wed Sep 25,2019

Member : [S] 1012

Jitu

Enter Book Id / Name / Type / Author :

Name

a|

Cancel

Change Member

Next


**Issue-Book : Step 3\_b - If few characters are given  
then Data Related to Books and Member is fetched  
and Set**

---



My Dream Library - by shubham srivastava

Home Book Member Adv.Search Adv.Edit Help



# My Dream Library

... by Shubham Srivastava

Date of Issue

Sep 25,2019

Issue Book

Member : Jitu

[S] 1012

Visual Basic [10004] - Manoj ( 4 ) : GUI

Artificial Intelligence [10005] - Sir Henry Jacob ( 2 ) : AI Programming

Book Id : 10005

Book Name : Artificial Intelligence

Author : Sir Henry Jacob

Type : AI Programming

Availables : 2

Cancel

Re-Search

Selected

# Issue-Book : Step 3\_c - If selected and clicked next..

My Dream Library - by shubham srivastava

Home Book Member Adv.Search Adv.Edit Help



## My Dream Library

... by Shubham Srivastava

### Issue Book

Member Id :	[S] 1012	Book Id :	10005
Member :	Jitu	Book :	Artificial Intellige...
Author :	Sir Henry Jacob	Type :	AI Program...

Issuing Date : Sep 25,2019

Last Date to Return : Oct 26,2019

Issuing a Book of - Artificial Intellig... to Jitu

[Cancel](#) [Back](#) [Finally - Issue](#)

## Issue-Book : Step 3\_End - **Issued Successfully..**

### Issue Book

Enter Member Id :

Back

Next

Great! Book[ 10005 ] issued to Mem[ 1012 ], Last Date: [2019-10-26]

## Issue-Book : Step 3\_ Trying to issue a Book to this member again...

**Issue Book**

Enter Member Id :

1012

[Back](#) [Show Data](#) [Next](#)

OOPs! Jitu[1012] took (1) [10005] Artificial Intelligence on Sep 25,2019

**"Return Book" Menu-Item Clicked**



## My Dream Library

... by Shubham Srivastava

### Return Book

Enter Member Id :

Back

Check

## **Return-Book : Step 1.a - Form Validated...**

### **Return Book**

Enter Member Id :

Back

Check

OOPs...Member Id is not Entered !

**Return-Book : Step 1.2 - Checking if a book was issued to that specific member...**

## Return Book

Enter Member Id :

1013

Back

Check

OOPs... No Books issued to This Member 1013 !

**Return-Book : Step 1.3 - If that book is issued to the Member**

## Return Book

Enter Member Id :

Back

Check

**Return-Book : Step 1.4 - If that book is issued to the Member, Information of Book ,issued to**



member, will display...

My Dream Library - by shubham srivastava

Home Book Member Adv.Search Adv.Edit Help



# My Dream Library

... by Shubham Srivastava

## Return Book

Cpp Book [10002 (102)] -Kallo, Sep 24,2019 to Oct 25,2019, (29 Days Left)

Member Id : 1007

Book Id : 10002

Member : Rohit

Book : Cpp Book

Type : Student

Author : Kallo

Issue Date : Sep 24,2019

Last Date : Oct 25,2019

Returning on : Sep 26,2019 On Time( 29 )

Returning a Book of - Cpp Book

From Rohit

Cancel

Back

Return

**Return-Book : Step 1.5 - After clicking  
"Return"...Back to default Screen**

---



## My Dream Library

... by Shubham Srivastava

### Return Book

Enter Member Id :

Back

Check

Great! Rohit[ 1007 ] returned 'Cpp Book'.

**"Generate Report" Menu-Item Clicked**



## My Dream Library

... by Shubham Srivastava

### Create Reports

☐ List of All Issued Books that are Overdue -

☐ List of Members whose Mem\_ship Expires -

☐ List of All Members that are -

☐ List of All books that are -

Reset All

Back

Print Report

## **Generate Report : Step 1.a - Form Validation**



# My Dream Library

... by Shubham Srivastava

## Create Reports

☐ List of All Issued Books that are Overdue -

☒ List of Members whose Mem\_ship Expires -

Date(dd-mm-yyyy) --

☐ List of All Members that are -

☐ List of All books that are -

OOPs...Invalid Date Details entered in Second Date !

## **Generate Report : Step 1.b - Criteria is Required...**





# My Dream Library

... by Shubham Srivastava

## Create Reports

☐ List of All Issued Books that are Overdue - Select Criteria Sort By Book

☒ List of Members whose Mem\_ship Expires - Select Criteria Sort By Name

Date(dd-mm-yyyy) -- 31 3 2020

☐ List of All Members that are - Select Criteria Sort by Name

☐ List of All books that are - Select Criteria Sort By Date

[Reset All](#)[Back](#)[Print Report](#)

OOPs...Criteria, for 2nd Report query, is not Selected !

## Generate Report : Step 1.c - Criteria and Sorting facility

**Create Reports**

☐ List of All Issued Books that are Overdue -

**Select Criteria** ▼

Select Criteria

At Given Date

After This Date

**Sort By Book** ▼

**Create Reports**

☐ List of All Issued Books that are Overdue -

**Select Criteria** ▼

☒ List of Members whose Membership Expires -

**Sort By Book** ▼

Sort By Book

Sort By Member

Sort By LastDate

☐ List of All Issued Books that are Overdue - **Select Criteria** **Sort By Book**

☒ List of Members whose Mem\_ship Expires - **At this Date** **Sort By Name**

Date(dd-mm-yyyy) --

Select Criteria

At this Date

Before a Date

☐ List of All Members that are - **Select Criteria** **Sort by Name**

☐ List of All Members that are - **Select Criteria** **Sort by Name**

☐ List of All books that are - **Sort By Date**

Select Criteria

Active Students

Active Teachers

Active Members

Inactive Student

Inactive Teacher

Inactive Member

All Members

Reset All

Back

Print Report

☐ List of All books that are

**Reset All** **Back** **Print Report**

OOPs...Criteria, for 2nd Report query, is not S

Select Criteria  
Select Criteria  
Available  
Issued  
On Repairing  
Destroyed  
Select All Books

Sort By Date

**We can also sort the output according to need using "Sort" ComboBox**

**Generate Report : Report Query**



# My Dream Library

... by Shubham Srivastava

## Create Reports

☐ List of All Issued Books that are Overdue - Select Criteria Sort By Book

☒ List of Members whose Mem\_ship Expires - At this Date Sort By Name

Date(dd-mm-yyyy) -- 31 3 2020

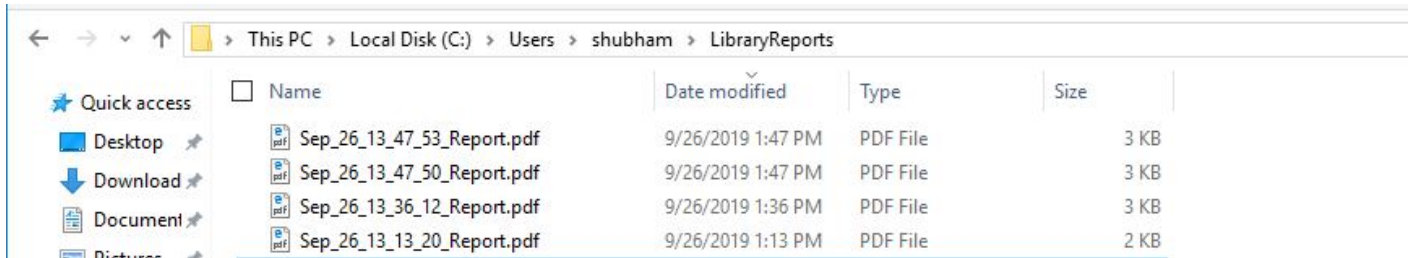
☐ List of All Members that are - Select Criteria Sort by Name

☐ List of All books that are - Select Criteria Sort By Date

[Reset All](#)[Back](#)[Print Report](#)

Report Generated at "C:\Users\shubham\LibraryReports"

# "Reports Generated in System's Home Directory"



The screenshot shows a Windows File Explorer window with the address bar displaying the path: This PC > Local Disk (C:) > Users > shubham > LibraryReports. The left sidebar shows 'Quick access' with links to Desktop, Download, Document, and Pictures. The main area displays a list of four PDF files in a table format.

<input type="checkbox"/>	Name	Date modified	Type	Size
	Sep_26_13_47_53_Report.pdf	9/26/2019 1:47 PM	PDF File	3 KB
	Sep_26_13_47_50_Report.pdf	9/26/2019 1:47 PM	PDF File	3 KB
	Sep_26_13_36_12_Report.pdf	9/26/2019 1:36 PM	PDF File	3 KB
	Sep_26_13_13_20_Report.pdf	9/26/2019 1:13 PM	PDF File	2 KB

We can generate any Type of Report in a well designed PDF format in Every Second ... as above screenshot shows us a List of Reports having name in a Specific Format, i.e. :  
*Month\_Date\_Hours\_Minutes\_Seconds*

## Output of Reports



## Report - My Dream Library : Sep 26, 2019

Details of Members whose Membership's Expiry Date is Before 31-3-2020

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: Total Records Founds : 0

**Generate Report : Query - Create report of all  
those members whose Subscription is valid before  
April 30,2020**

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Report - My Dream Library : Sep 26, 2019

Details of Members whose Membership's Expiry Date Before 30-4-2020 are

Id	Member	Ph.No.	Class	Roll No	Last Paid	Expire	Left
1010	Bhatt	987987 9878	-	0	Jul 09,19	Jan 05,20	101
1011	Durgesh	767676 6666	-	0	May 11,19	Nov 07,19	42
1003	Hitest	878787 8777	BA	3	Jul 01,19	Dec 28,19	93
1012	Jitu	877777 7777	Btech	123234	Jul 29,19	Jan 25,20	121
1004	Jitu	987987 9878	BCA	4	Aug 06,19	Feb 02,20	129
1006	Mina	989898 9898	BCA	8	Jul 15,19	Jan 11,20	107
1009	Priyansh i	878787 8787	-	0	Jun 25,19	Dec 22,19	87
1007	Rohit	987987 9878	MBA	1	Jul 15,19	Jan 11,20	107
1002	Satya	878787 8787	-	0	Jun 29,19	Dec 26,19	91
1008	shubh	989898 9898	-	0	Jul 19,19	Jan 15,20	111
1001	Shubha m	860172 5056	BCA	1	Jun 29,19	Dec 26,19	91
1005	Sonal	234234 2342	B.Tech	3	Jul 05,19	Jan 01,20	97
1013	Sudheer srivastav a	989876 7665	-	0	Sep 25,19	Mar 23,20	179

: Total Records Founds : 13

# Generate Report : Query - Create report of all active members who are Student of this college



## My Dream Library

... by Shubham Srivastava

### Create Reports

☐ List of All Issued Books that are Overdue - Select Criteria Sort By Book

☐ List of Members whose Mem\_ship Expires - Before a Date Sort By Name

☒ List of All Members that are - Active Students Sort by Class

☐ List of All books that are - Sort By Date

- Select Criteria
- Active Students
- Active Teachers
- Active Members
- Inactive Student
- Inactive Teacher
- Inactive Member
- All Members

Reset All

Back

Print Report

Report - My Dream Library : Sep 26, 2019

Details of All Active Students :-

Id	Name	Class	Rno	Phone No	Address	Last Seen
1004	Jitu	BCA	4	9879879878	Boharapur	Jul 25, 19
1006	Mina	BCA	8	9898989898	Hinsaran	Jul 27, 19
1012	Jitu	Btech	123234	8777777777	bihar, patna	Sep 25, 19
1007	Rohit	MBA	1	9879879878	Padri	Sep 26, 19

: Total Records Founds : 4

## Generate Report : Query - **Create report of 2 Queries...**

- 1) Create report of all active members who are Student of this college
- 2) List of all issued books till today..

### Create Reports

- ☐ List of All Issued Books that are Overdue - Select Criteria ▼ Sort By Book ▼
- ☐ List of Members whose Mem\_ship Expires - Before a Date ▼ Sort By Name ▼
- ☒ List of All Members that are - Active Students ▼ Sort by Class ▼
- ☒ List of All books that are - Issued ▼ Sort By Date ▼

Report - My Dream Library : Sep 26, 2019

Details of All Active Students :-

Id	Name	Class	Rno	Phone No	Address	Last Seen
1004	Jitu	BCA	4	9879879878	Boharapur	Jul 25,19
1006	Mina	BCA	8	9898989898	Hinsaran	Jul 27,19
1012	Jitu	Btech	123234	8777777777	bihar,patna	Sep 25,19
1007	Rohit	MBA	1	9879879878	Padri	Sep 26,19

: Total Records Founds : 4

Details of All Books that are Issued :-

Name	Code	Member	Id	Type	Issued On	Last Date	Days left
Cpp 1.17	10003	Mina	1006	Stu.	Jun 25,2019	Jul 26,2019	-62
Artificial Intelligence	10005	Jitu	1012	Stu.	Sep 25,2019	Oct 26,2019	30

: Total Records Founds : 2

**... more Other Reports can be generated  
with different - different Seletion of  
CheckBoxes and Options**

**Storing New Books : "Add new Book" :-  
Menu-Item clicked**



## My Dream Library

... by Shubham Srivastava

### Add Book

Book Name :

Quantity :

Book Type :

Price :

Rack No. :

Pages :

Author 1 :

Author 2 :

Publisher :

About Book :

Back

Save

**Form is Validated...**



My Dream Library - by shubham srivastava

HomeBookMemberAdv.SearchAdv.EditHelp



# My Dream Library

... by Shubham Srivastava

## Add Book

Book Name	: Blockchain & shubh	Quantity	: 3
Book Type	: programming	Price	: 1299
Rack No.	: 4	Pages	: 580
Author 1	: Prof. H.N. Jacob		
Author 2	: -		
Publisher	:		
About Book	: -		

Back


Save

OOPs... Some Fields are Empty.

Clicked "Save" ...

My Dream Library - by shubham srivastava

Home Book Member Adv.Search Adv.Edit Help



## My Dream Library

... by Shubham Srivastava

### Add Book


Book Name :	<input type="text"/>	Quantity :	<input type="text"/>
Book Type :	<input type="text"/>	Price :	<input type="text"/>
Rack No. :	<input type="text"/>	Pages :	<input type="text"/>
Author 1 :	<input type="text"/>		
Author 2 :	<input type="text"/>		
Publisher :	<input type="text"/>		
About Book :	<input type="text"/>		

Great...Book 'Blockchain & Shubh'(20) Saved Successfully.

**Deleting Books : "Delete Book" :- Menu-Item clicked**

My Dream Library - by shubham srivastava

Home Book Member Adv.Search Adv.Edit Help



# My Dream Library

... by Shubham Srivastava

## Enter Book Detail

Enter Book Id / Name

BackDelete

## Way 1-a)Deleting a books by Entering Book Accession Id

### Enter Book Detail

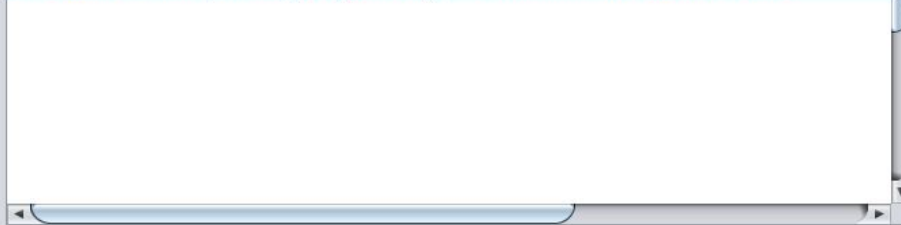
Enter Book Id / Name

Back

Delete

## Delete Book

Blockchain & Shubh [ 10006 ]( programming ) - Sir Shubham Srivastava : Rs 3999.0

A large, empty rectangular text area with a light blue border and a vertical scrollbar on the right side, intended for entering the book name or ID for deletion.

Book Id : 10006  
Book Name : Blockchain & Shubh  
Author : Sir Shubham Srivastava  
Issued : 0  
Available : 20

Cancel

Re-Search

Selected

**Way 1-b)** Deleting a books by Entering Complete  
Or few letters of Book Name

## Enter Book Detail

Enter Book Id / Name

Back

Delete

## Delete Book

Blockchain & Shubh [ 10006 ]( programming ) - Sir Shubham Srivastava : Rs 3999.0  
Cpp Book [ 10002 ]( Programming ) - Kallo : Rs 300.0  
Java book [ 10001 ]( Programming ) - lala : Rs 799.0

Book Id : 10006

Book Name : Blockchain & Shubh

Author : Sir Shubham Srivastava

Issued : 0

Available : 20

Cancel

Re-Search

Selected

Select the appropriate Book and click "Selected"...



## Delete Book

Book Name : Blockchain & Shubh  
Book Type : programming  
Quantity : 20  
Author 1 : Sir Shubham Srivastava

Issued	Available	Repaired	Destroyed
0	20	0	0

Reason Behind Deletion : ☒ Member Lost The Book ☐ Other Reasons

Enter Member Id :

Back

Delete

**Choose the Reason for deleting the Book...**

**1-A) If Member Lost the Book...Enter members Id**

( to check if member really took that Book or Something Else )

## Delete Book

Book [10006] not Issued to Mina[1006], Only 1 Issued Book(s) are -

Cpp 1.17 [ 10003 ] - lajji ( Issued On : Jun 25,2019 )

Back

Cancel

Continue...

Click "Continue..." to delete the Book ( Don't forget to charge the Fine, by clicking "Receive"

button)

## Delete Book

Member Id : 1006

Book Id : 10003

Member : Mina

Book : Cpp 1.17

Type : Stu.

Author : lalaji

Today : Sep 26,2019

Issued : Jun 25,2019

Deleting a Book of Cpp 1.17

Lost by Mina

Fine Details :

Fine for Book Lost : Rupees 100.0

Receive

Back

Cancel

Delete Now

OOPs...Book Lost Fine ( Rupees 100.0 ) is not Charged, click ->Received<- !

Deleting a Book of **Cpp 1.17**

Lost by **Mina**

Fine Details :

Fine for Book Lost : **Rupees 100.0**

**Received**

**Back**

**Cancel**

**Delete Now**

**We will receive a Message of Successful Deletion.**

Enter Book Id / Name

**Back**

**Delete**

A Book 'Cpp 1.17'[10003] is Deleted Successfully !

**If Chose the 2nd Reason for deleting the Book...**  
**1-B) "Other Reasons ( with proper reason ) then**  
**we'll get the Successful Deletion Message..."**

Reason Behind Deletion : ☐ *Member Lost The Book* ☒ *Other Reasons*

Feed Proper Reason :

short msg

[Back](#) [Save & Delete](#)

Kindly Feed Properly Explained Reason ...!

Enter Book Id / Name

Back

Delete

A Book 'C++ 1.17'[10003] is Deleted Successfully !

**Editing Books Details : "Edit Book" :-  
Menu-Item clicked**

**Enter and Submit Accession Id / Full Name Or  
Few chars. of Book Name ...**

## Edit Book Details

Enter Book Id / Name

Back

Go

If entered a Valid Accession Id...A Edit panel would open, just make changes and click "Update

# Now"

My Dream Library - by shubham srivastava

Home Book Member Adv.Search Adv.Edit Help



## My Dream Library

... by Shubham Srivastava

Id : 10002

### Edit Book

Book Name	<input type="text" value="Cpp Book"/>	Quantity	<input type="text" value="5"/>
Book Type	<input type="text" value="Programming"/>	Price	<input type="text" value="300.0"/>
Rack No.	<input type="text" value="2"/>	Pages	<input type="text" value="400"/>
Author 1	<input type="text" value="Kallo"/>		
Author 2	<input type="text" value="Mangal"/>		
Publisher	<input type="text" value="Mehta group"/>		
About Book	<input type="text" value="a Coding book"/>		

Back

Show Books

Update Now



**Or just Enter a few letter of that book name**

## **Edit Book Details**

**Enter Book Id / Name**

**Back**

**Go**

## Edit Book

Book Name	<input type="text" value="Cpp Book"/>	Quantity	<input type="text" value="5"/>
Book Type	<input type="text" value="Programming"/>	Price	<input type="text" value="300.0"/>
Rack No.	<input type="text" value="2"/>	Pages	<input type="text" value="400"/>
Author 1	<input type="text" value="Kallo"/>		
Author 2	<input type="text" value="Mangal"/>		
Publisher	<input type="text" value="Mehta group and New company"/>		
About Book	<input type="text" value="a Coding book"/>		

[Back](#)[Show Books](#)[Update Now](#)

Great...Book Details Updated !

**Showing All Books Details : "Edit Book" :-  
Menu-Item clicked**



# My Dream Library

... by Shubham Srivastava

## All Books

Java book - (3) , Code - 10001 , Repair = 1 , Issued = 0 , Available = 0  
Cpp Book - (5) , Code - 10002 , Repair = 0 , Issued = 0 , Available = 3  
Cpp 1.17 - (5) , Code - 10003 , Repair = 0 , Issued = 0 , Available = 3  
Visual Basic - (4) , Code - 10004 , Repair = 0 , Issued = 0 , Available = 4  
Artificial Intelligence - (4) , Code - 10005 , Repair = 0 , Issued = 1 , Available = 1  
Blockchain & Shubh - (20) , Code - 10006 , Repair = 0 , Issued = 0 , Available = 20

Total Books : 6

Total Qty : 41

Available : 31

Issued : 1

Repair : 1

**Creating Members : "Add New Member" :-  
Menu-Item clicked**



# My Dream Library

... by Shubham Srivastava

## Add New Member

Date Of Joining

Sep 26,2019

Type of Member

Staff

Select type

Student

Staff

Member :

Contact No. 1 :

Contact No. 2 :

Address :

Class :

Roll No :

Joining Fee

Rs. 100/-

Issue a Book

☐

Protection Fee

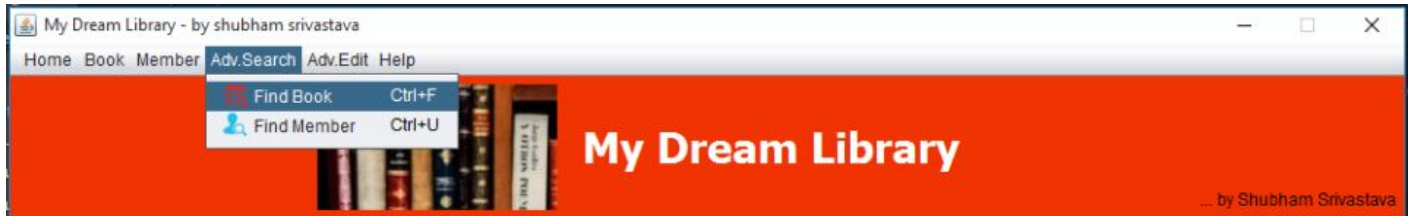
Rs. 500/-

Back

Reset

Create A/c

## Finding Book(s) : "Find Book" :- Menu-Item clicked



Form is Validated...

## Find Books

Enter Book Id / Name / Type / Author :

Select Condition ▼

Cancel

Find ...

OOPs...Some Fields are Empty !

If No Data found, related to data that User had entered... **Not Found feedback would appear...**



## Find Books

Enter Book Id / Name / Type / Author :

Name



asfdasf

Cancel


Find ...

OOPs... No such Book's Details Found, (Check Data or Search Condition) !

**If few Characters are entered Only... Than All Books related to them would appear...**

## Books Found

Blockchain & Shubh [10006] - Sir Shubham Srivastava ( 20 ) : programming



**Book Id** : 10006  
**Book Name** : Blockchain & Shubh  
**Author** : Sir Shubham Srivastava  
**Type** : programming  
**Availables** : 20

Cancel

Re-Search

## Find Books

Enter Book Id / Name / Type / Author :

Name



cp

Cancel

Find ...

## Books Found

Cpp Book [10002] - Kallo ( 3 ) : Programming  
Cpp 1.17 [10003] - lalaji ( 3 ) : Programming

Book Id : 10002  
Book Name : Cpp Book  
Author : lalaji  
Type : Programming  
Availables : 3

Cancel

Re-Search

Same as for Finding Members, When Find Member Menu would click... and we can Enter

# details and See the Details of Member

## Find Member

Enter Member Detail :

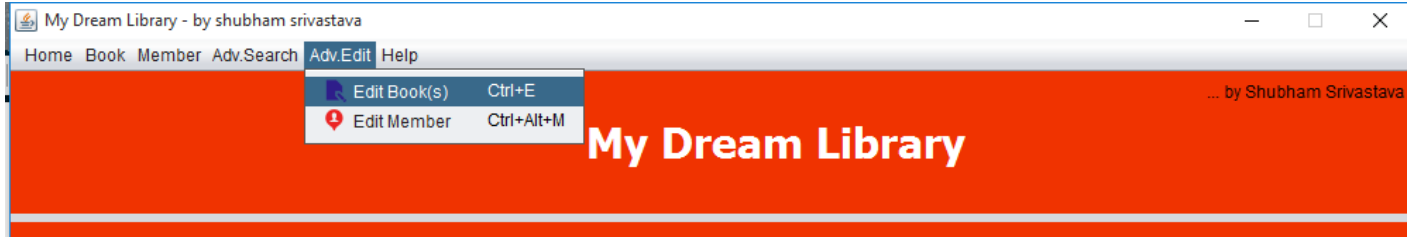
Select Condition ▼

10001

Cancel

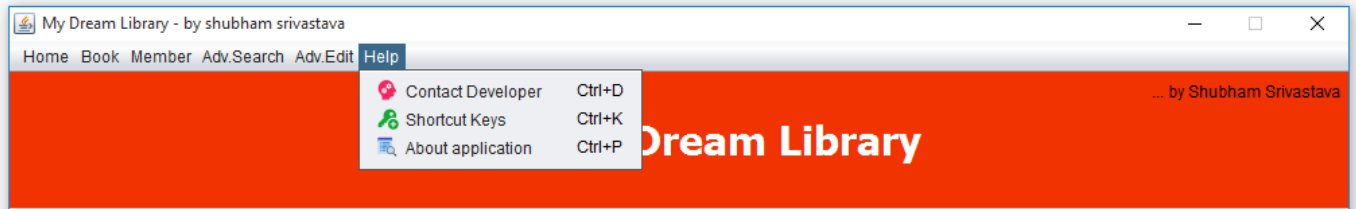
Find ...

# Editing Details of Books : Menu "Edit Books" Clicked



**This will open a Panel to Take Book Id/Name and after That A new panel filled with desired Data would Open, We can then make changes into that and then Click Submit... Same as for Editing details of a Member...**

# Help Menu Clicked...



**Clicking Contact Developer Menu Item**



# My Dream Library

... by Shubham Srivastava

## Shubham Srivastava

- software developer

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### !!! Welcome to the My-Dream-Library !!!

This application is developed to fulfill various management related Problems in a Library. My-Dream-Library app is developed using Java Language (Java 8.0) and its Graphical User Interface Kit "Swing", also MySQL as Database. This application helps to manage all the Vital tasks of a Library. The application helps in storing the Details of Books, Creating Members for the Library, Issuing the book to members, Calculating and charging the Fine to the member (If member returns the book after the calculated Date of Returning the book).

This Application is also capable in Generating Reports for the Management Queries with rich set of options and has facility to perform a task with Keyboard Shortcuts. It can search all the details of one or more Books and Members in a bit of time from thousands of records and more other fabulous features. It is a Cross-Platform Application aimed to help number of people and institutions in the world.

If you have any suggestion or issues regarding to this application and it's performance, feel free to contact me. Have a great Day :)

- Shubham Srivastava



## Clicking Shortcut Keys Menu Item

### Shortcut Keys

<b>Issue Book</b>	<b>:</b>	<b>Ctrl + I</b>	<b>Return Book</b>	<b>:</b>	<b>Ctrl + R</b>
<b>Generate Report</b>	<b>:</b>	<b>Ctrl + G</b>	<b>Find Member</b>	<b>:</b>	<b>Ctrl + U</b>
<b>Add New Books</b>	<b>:</b>	<b>Ctrl + B</b>	<b>Remove Books</b>	<b>:</b>	<b>Ctrl + Shift + B</b>
<b>Edit Book Details</b>	<b>:</b>	<b>Ctrl + E</b>	<b>Show All Books</b>	<b>:</b>	<b>Ctrl + Alt + B</b>
<b>Add new Member:</b>	<b>:</b>	<b>Ctrl + M</b>	<b>Edit Member</b>	<b>:</b>	<b>Ctrl + Alt + M</b>
<b>Find Book</b>	<b>:</b>	<b>Ctrl + F</b>	<b>Exit</b>	<b>:</b>	<b>Ctrl + Q</b>
<b>Contact Dev.</b>	<b>:</b>	<b>Ctrl + D</b>	<b>Shortcut Keys</b>	<b>:</b>	<b>Ctrl + K</b>

**Sleep : Ctrl + S**

**Clicking About Application Menu Item**



# My Dream Library

... by Shubham Srivastava

## About - Features

!!!

My-Dream-Library

!!!

This application is developed to fulfill various management related Problems in a Library. My-Dream-Library app is developed using Java Programming Language (Java 8.0) and its Graphical User Interface Kit "Swing" with MySQL as Database.

### Features :-

- o) Creates Members,
- o) Stores details of New Books,
- o) Edits stored Books' Information,
- o) Issues Book to Members,
- o) Searches book with Id / with some letters only,
- o) Calculating the Fine for overdue books,
- o) Updates stored Details of Members,
- o) Provides Fast service with Shortcut Keyboard Keys,
- o) Generates rich set of Reports for Statistical Analysis,
- o) Cross-Platform Compatibility,
- o) Highly Robust,
- o) and more...

If you have any suggestion or issues regarding to this application and it's performance, feel free to contact me. Have a great Day :)

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- Shubham Srivastava

