My Dream Library

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

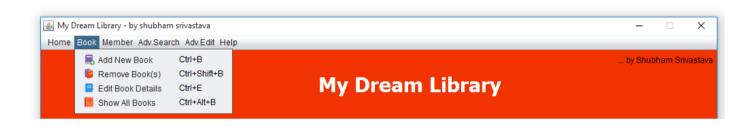
- Java JDK 1.8.0
- MySQL Server 5.6.21
- IText_5.0.6 API

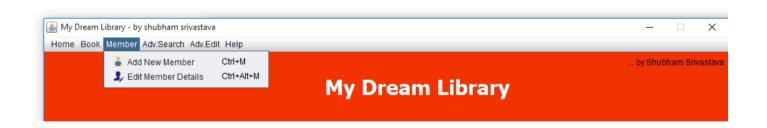
Default Screen of Application

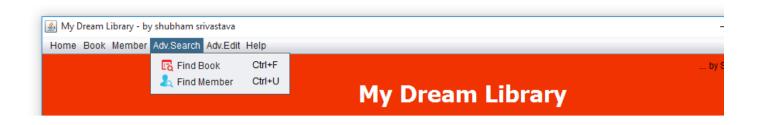


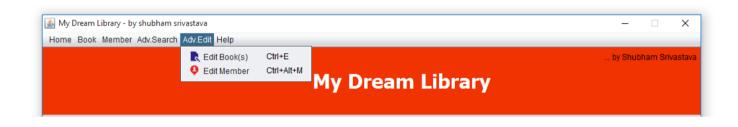
Menu of Application

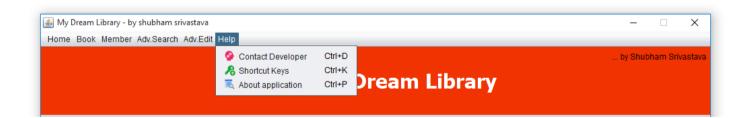




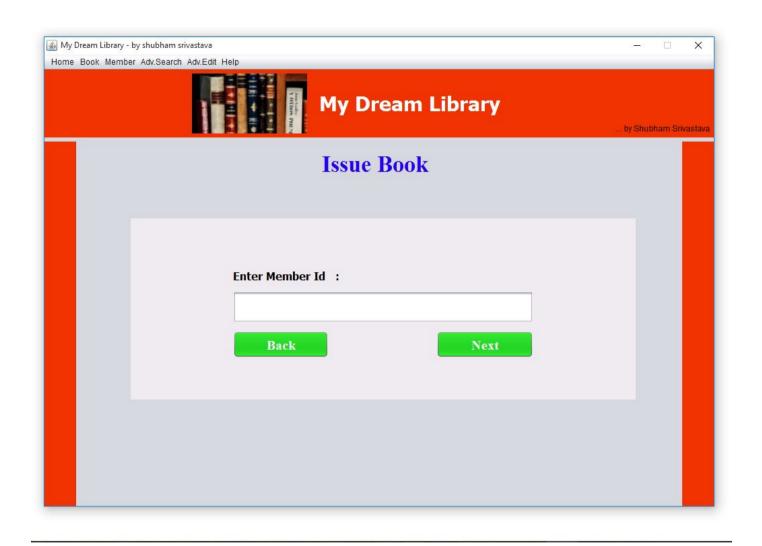




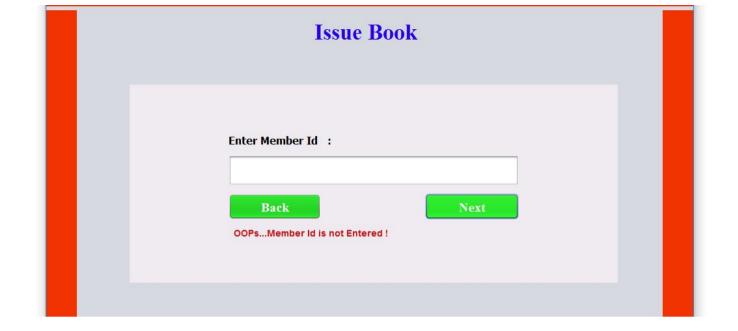




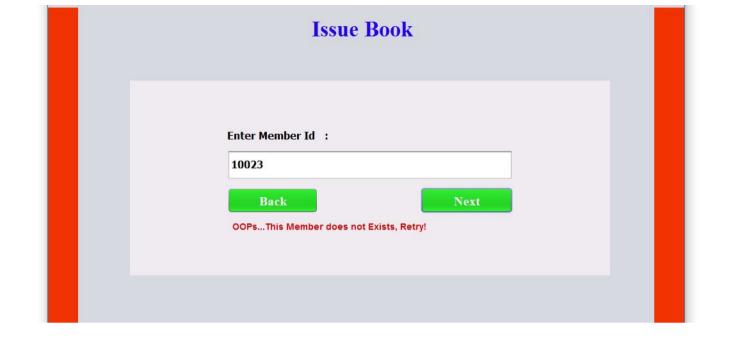
"Issue Book" Menu-Item Clicked



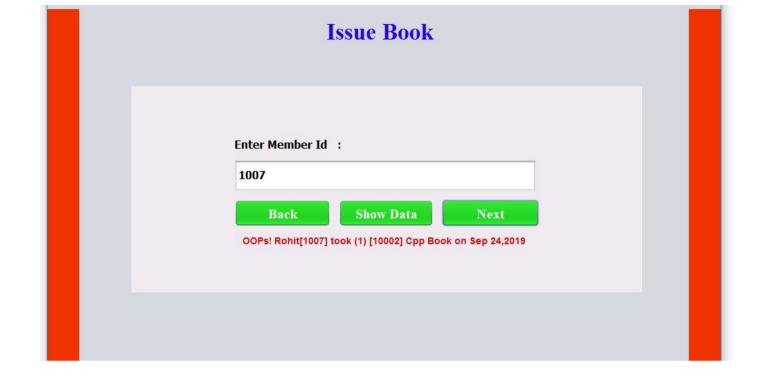
Issue-Book: Step 1.a - Form Validation



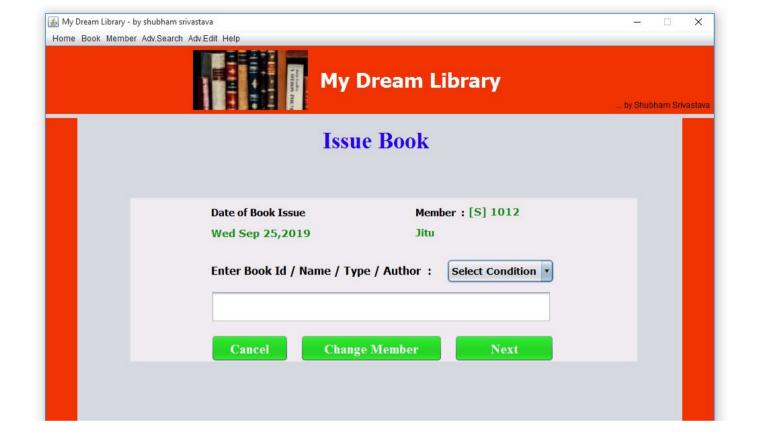
Issue-Book: Step 1.b - Invalid Id Entered



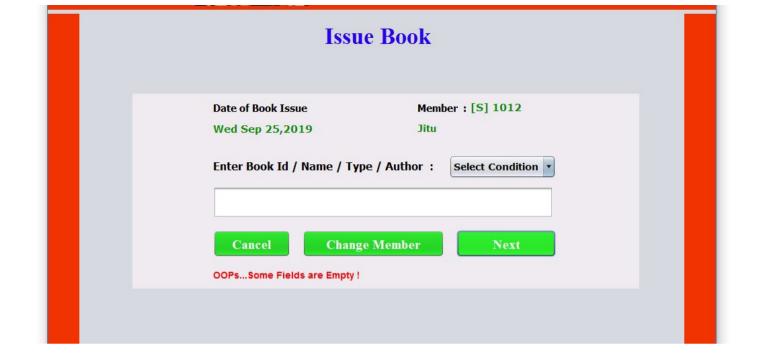
Issue-Book: Step 1.c - If a book is already Issued



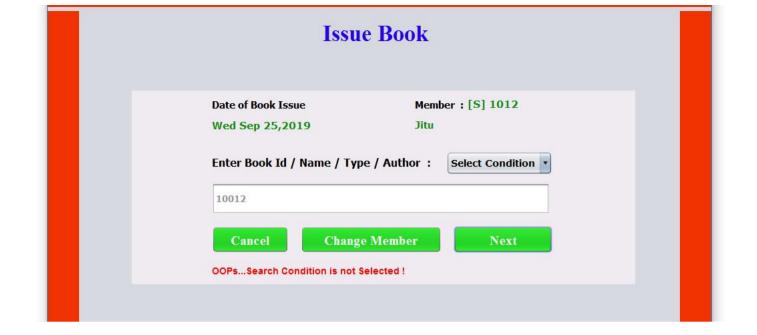
Issue-Book: Step 2 - If a Valid Member's Id is entered ...



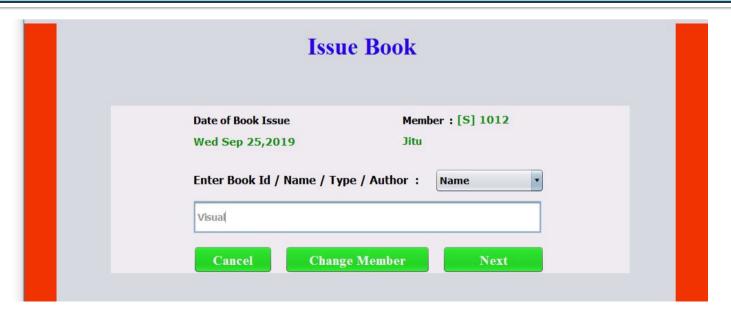
Issue-Book : Step 2.a - Form is validated



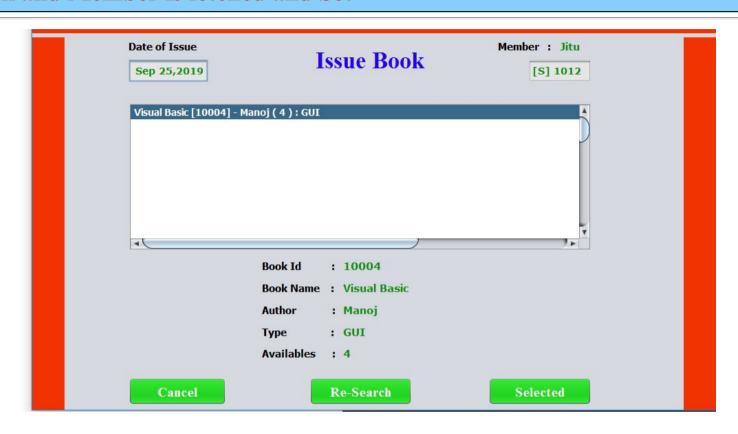
Issue-Book : Step 2_b - If Search Condition is not Selected...



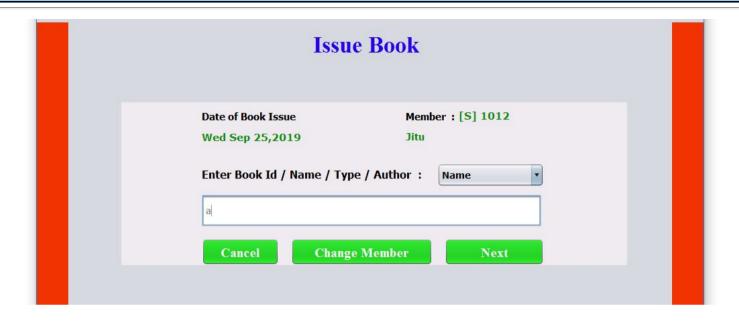
Issue-Book: Step 2_c - If Valid Book Id and Condition Given...



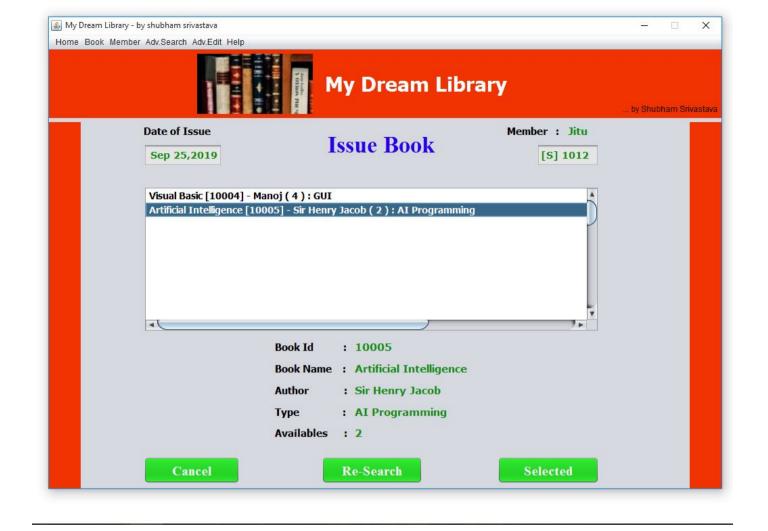
Issue-Book: Step 3_a - If Valid Book Id and Condition Given, Data Related to Book and Member is fetched and Set



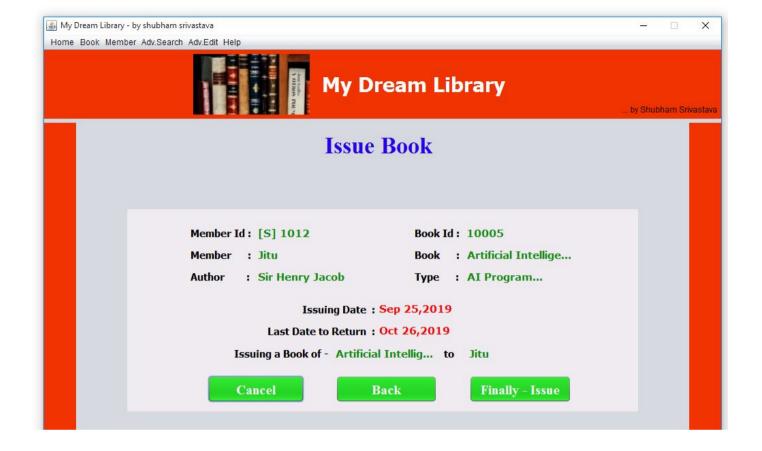
Issue-Book : Step 3_b - If few characters are given, Criteria is selected and Submitted



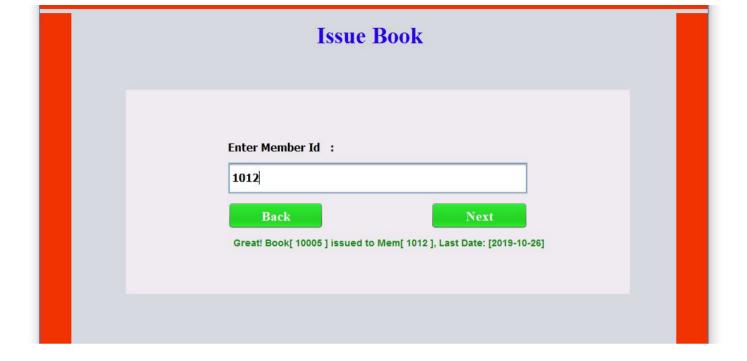
Issue-Book: Step 3_c - Select the Desired Book from the Fetched result from the List Box to Issue



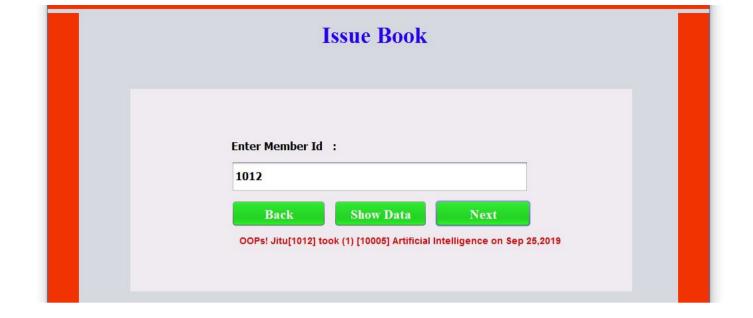
Issue-Book: Step 3_c - If selected and clicked next..



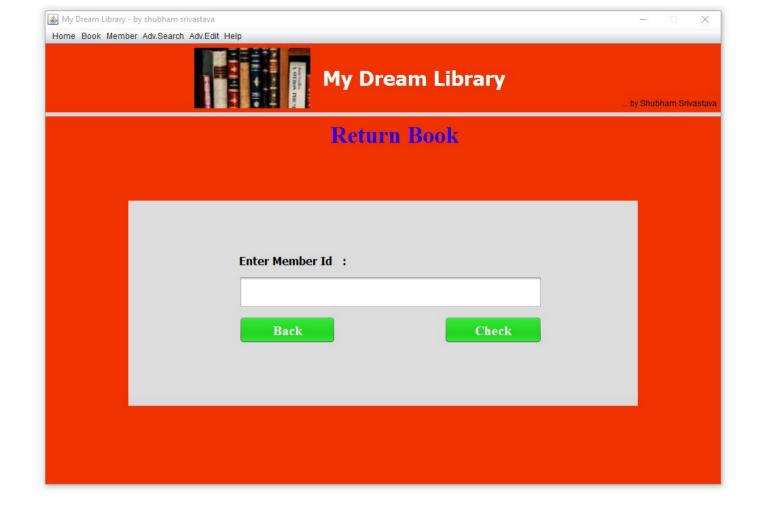
Issue-Book: Step 3_End - **Issued Successfully..**



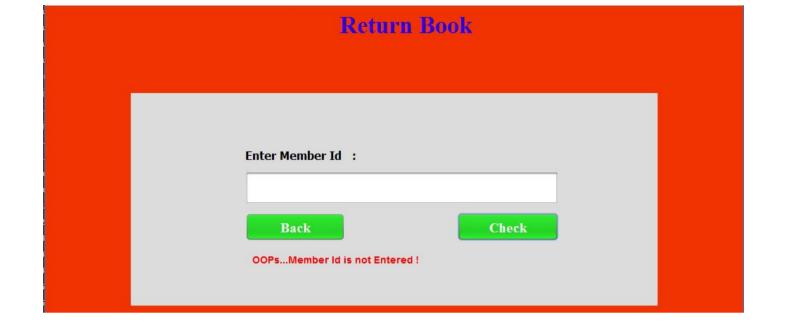
Issue-Book: Step 3_ Trying to issue a Book to this member again...



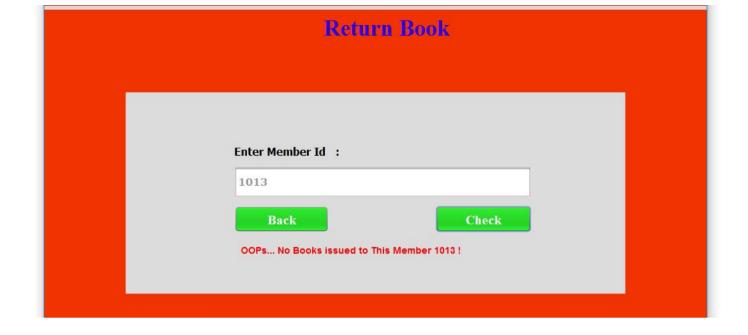
"Return Book" Menu-Item Clicked



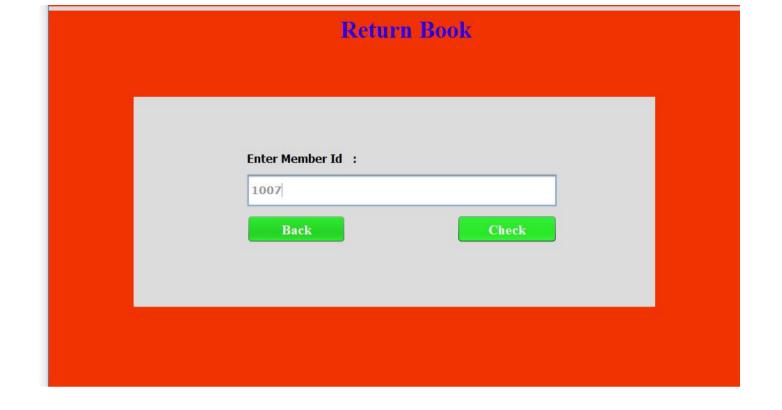
Return-Book : Step 1.a - Form Validated...



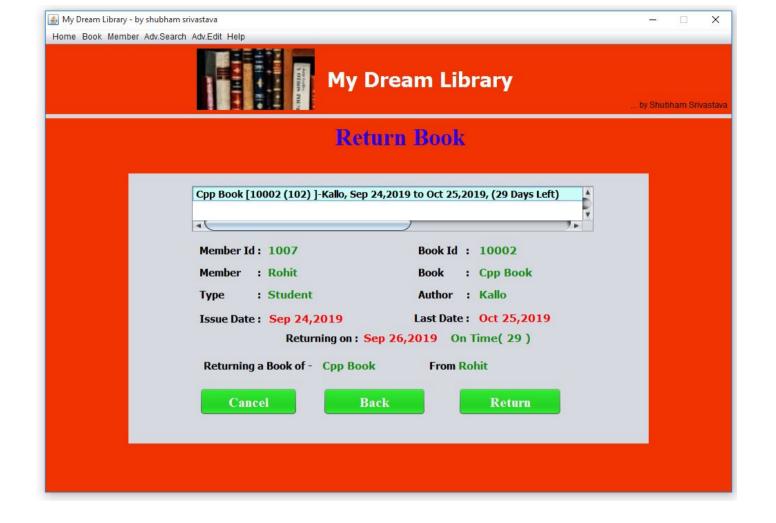
Return-Book: Step 1.2 - Checking if a book was issued to that specific member...



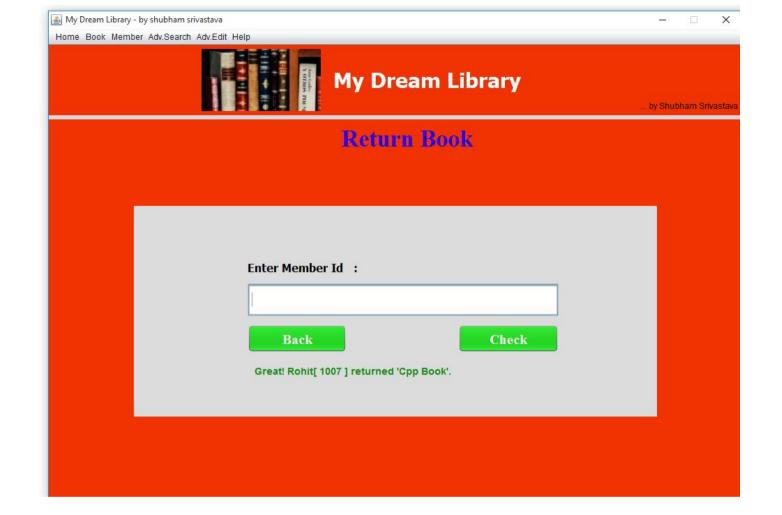
Return-Book: Step 1.3 - If that book is issued to the Member



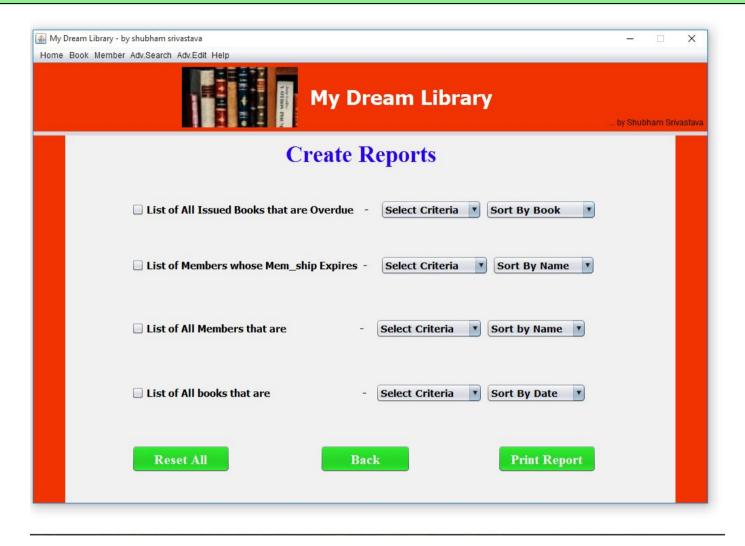
Return-Book: Step 1.4 - If that book is issued to the Member, Information of Book, issued to member, will display...



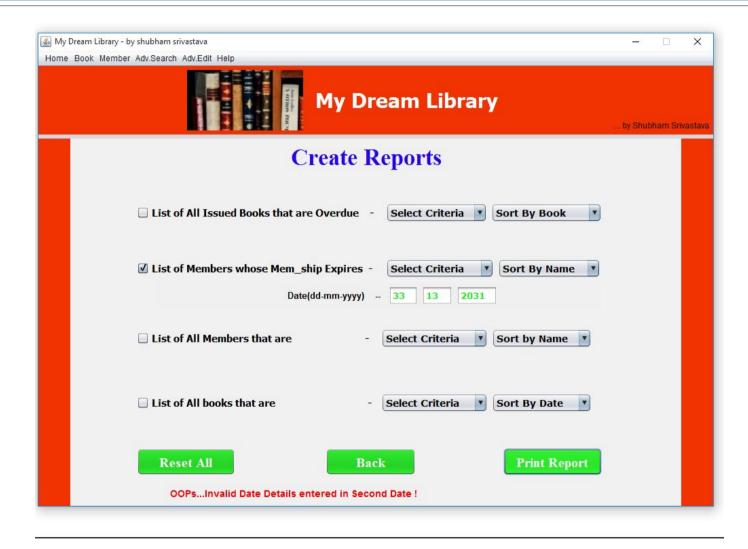
Return-Book: Step 1.5 - After clicking "Return"...Back to default Screen



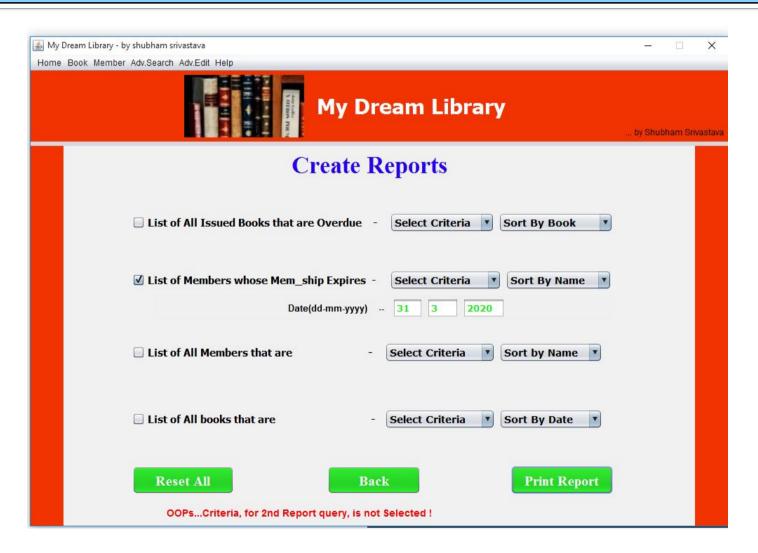
"Generate Report" Menu-Item Clicked



Generate Report : Step 1.a - Form Validation



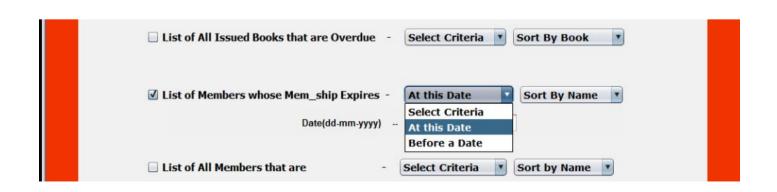
Generate Report : Step 1.b - Criteria is Required...

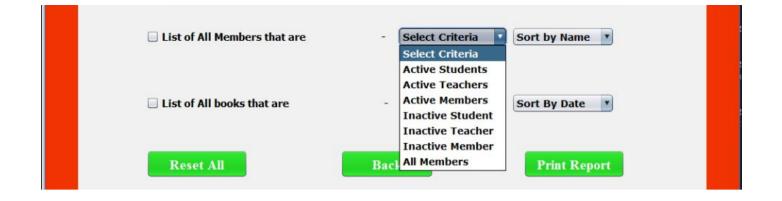


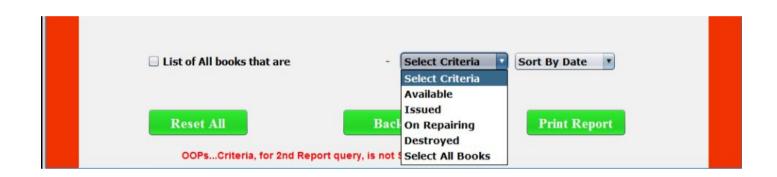
Generate Report: Step 1.c - Criteria and Sorting facility



Create Reports
□ List of All Issued Books that are Overdue - Select Criteria Sort By Book Sort By Book
Sort By Member Sort By LastDate

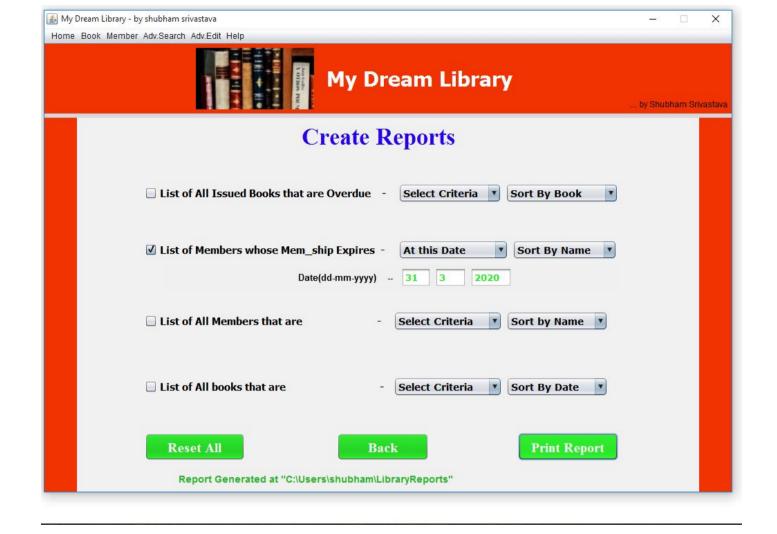




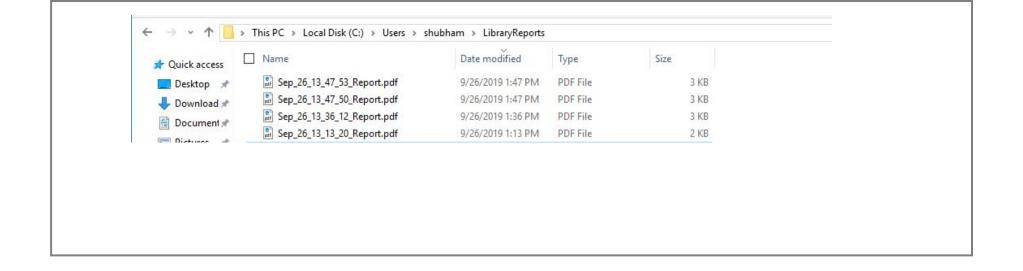


We can also sort the output according to need using "Sort" ComboBox

Generate Report : Report Query

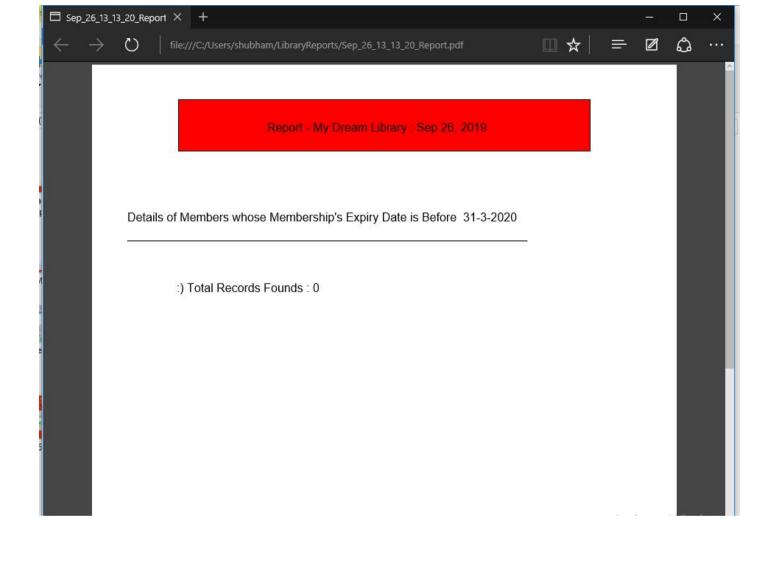


"PDF Reports Generated in System's Home Directory"

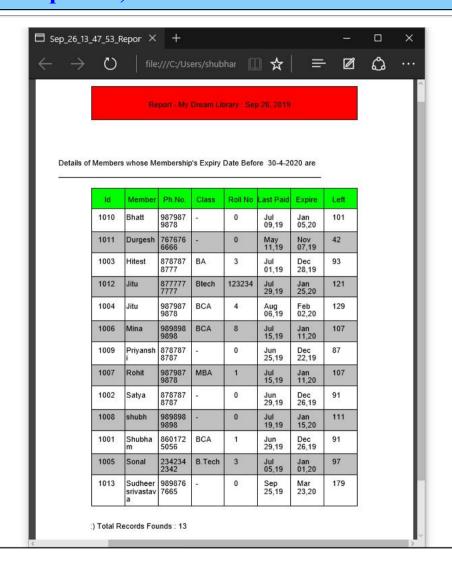


We can generate any Type of Report in a well designed PDF format in Every Second ... as above screenshot shows us a List of Reports having name in a Specific Format, i.e.: Month_Date_Hours_Minutes_Seconds

Output of Reports



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



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



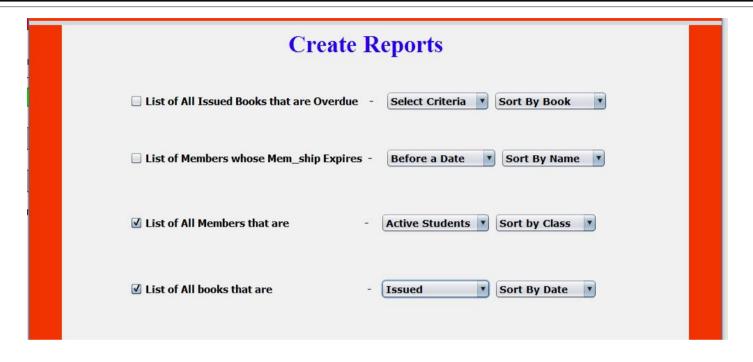


1012 Jitu Btech 123234 8777777 bihar,patn Sep 25,19 a 1007 Rohit MBA 1 9879879 Padri Sep 26,19

:) Total Records Founds : 4

Generate Report : Query - Create report of Multiple Queries...

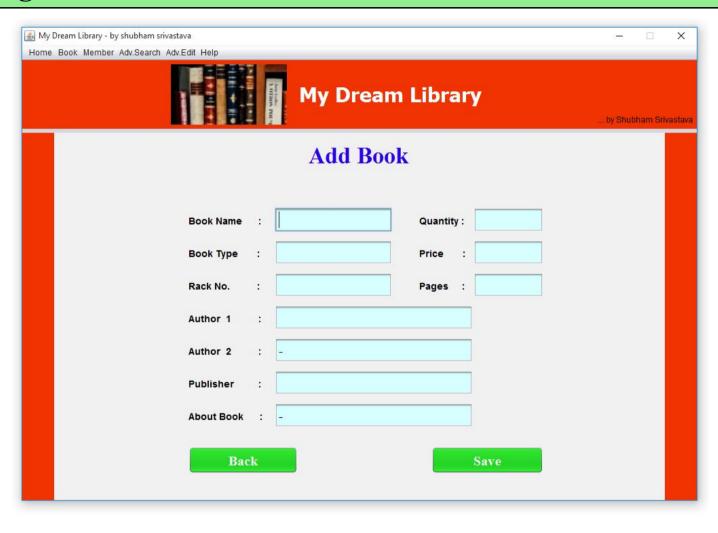
- 1) Create report of all active members who are Student of this college
- 2) List of all issued books till today..



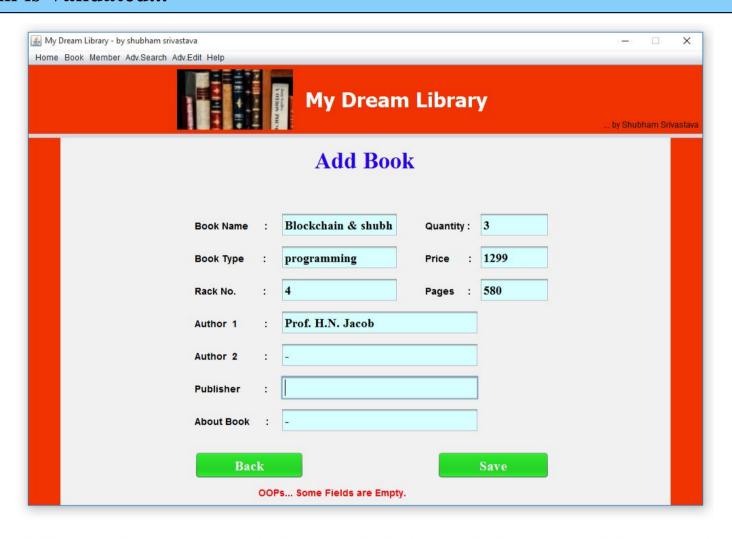


... more Other Reports can be generated with different - different Seletion of CheckBoxes and Options

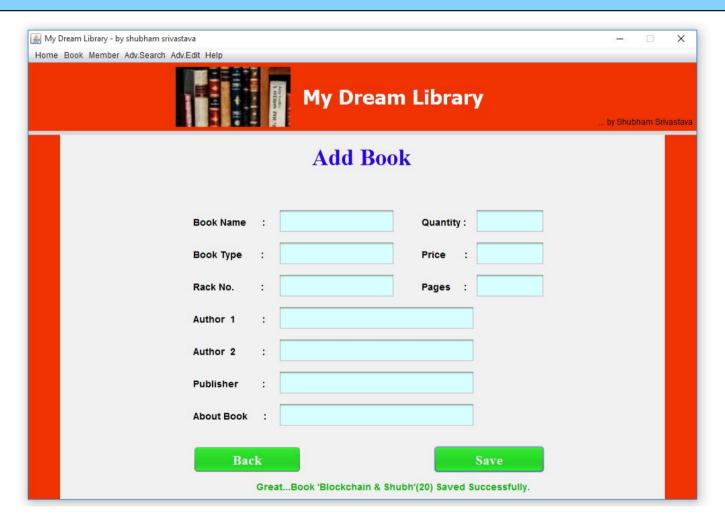
Storing New Books: "Add new Book":- Menu-Item clicked



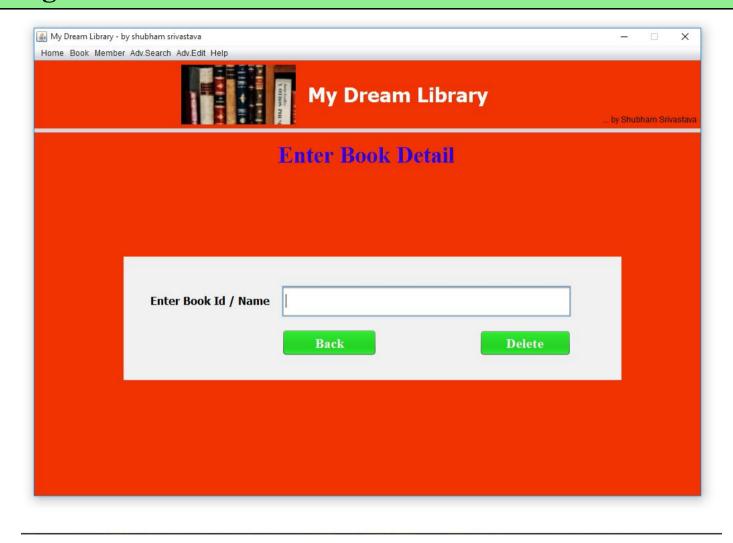
Form is Validated...

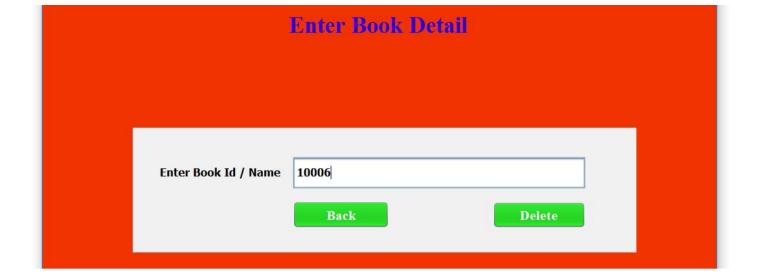


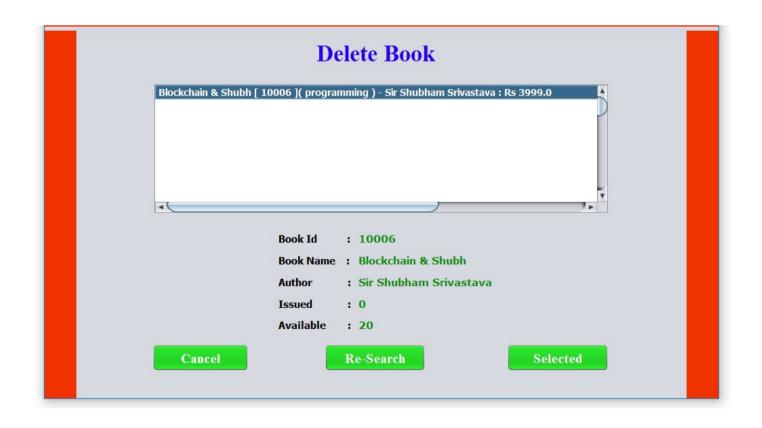
Clicked "Save" ...



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

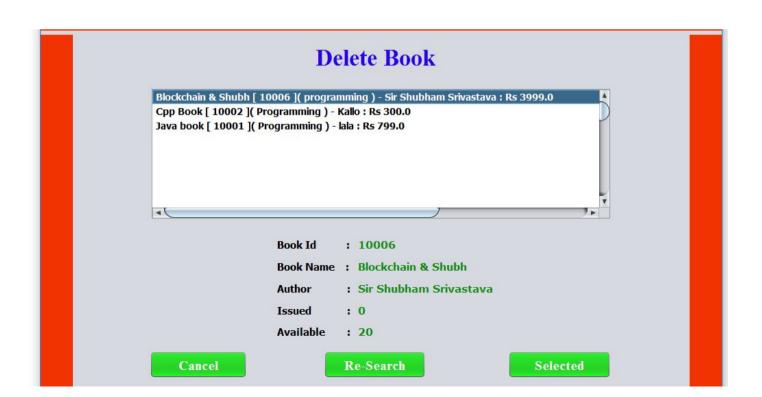




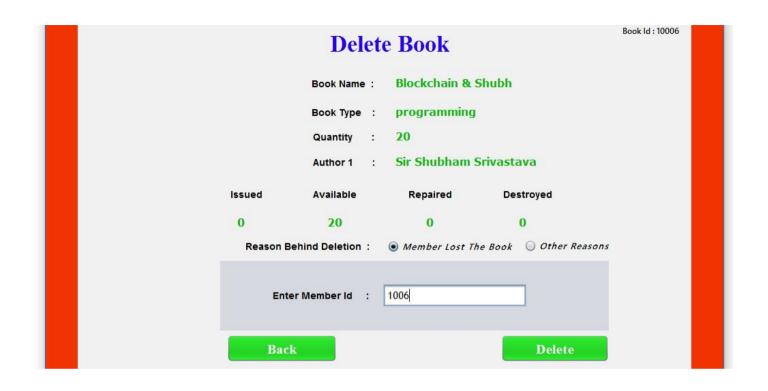


Way 1-b) Deleting books by Entering Complete Or few letters of Book Name



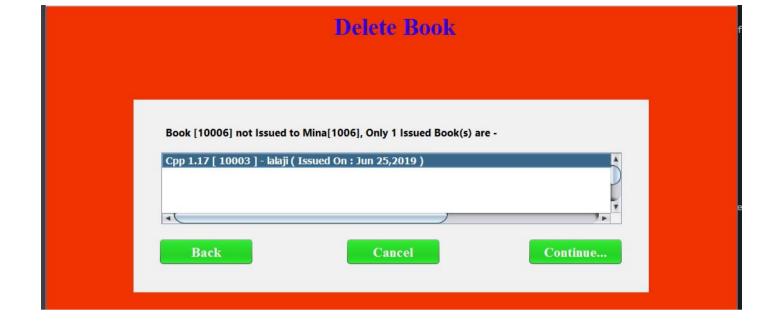


Select the appropriate Book and click "Selected"...



Choose the Reason Criteria 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)



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

Delete Book

Book Id: 10003 Member Id: 1006 Member : Mina Book : Cpp 1.17 : Stu. Author : lalaji Type 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 **Delete Now** Cancel OOPs...Book Lost Fine (Rupees 100.0) is not Charged, click -> Received <-!



We will receive a Message of Successful Deletion.



If Chose the 2nd Reason for deleting the Book...

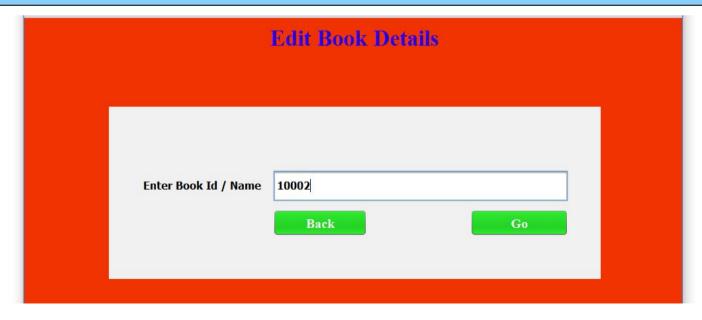
1-B) "Other Reasons (with proper reason) then we'll get the Successful Deletion Message..."

Reason Behind Deletion:	○ Member Lost The Book ● Other Reasons
Feed Proper Reason :	short msg
Back	Save & Delete
Kindly Feed Properly Explained Reason!	



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

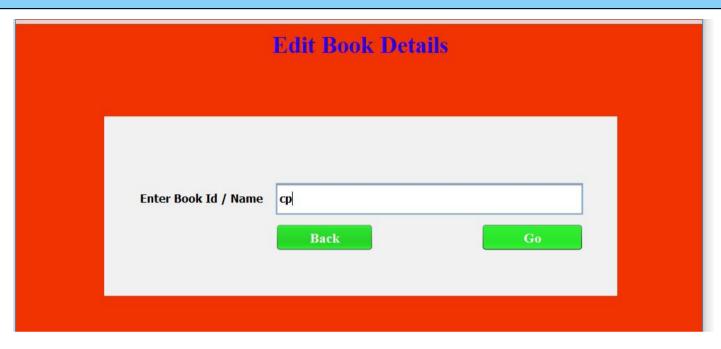
Enter and Submit Accession Id / Full Name Or Few chars. of Book Name ...

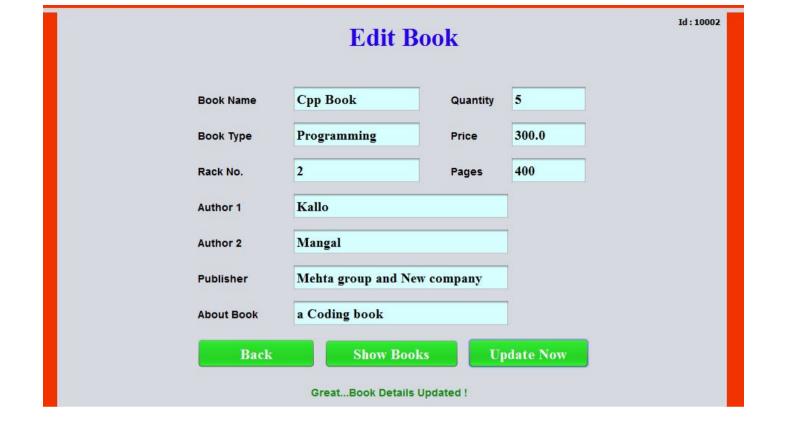


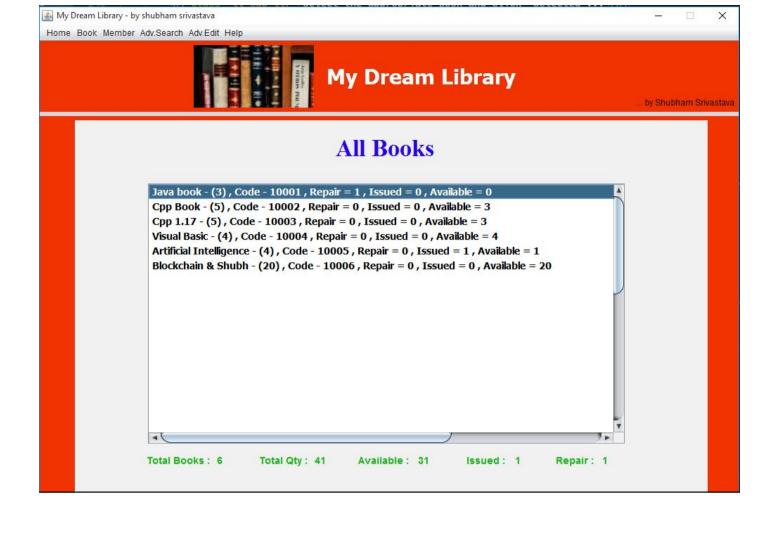
If entered a Valid Accession Id...A Edit panel would open, just make changes and click "Update Now"



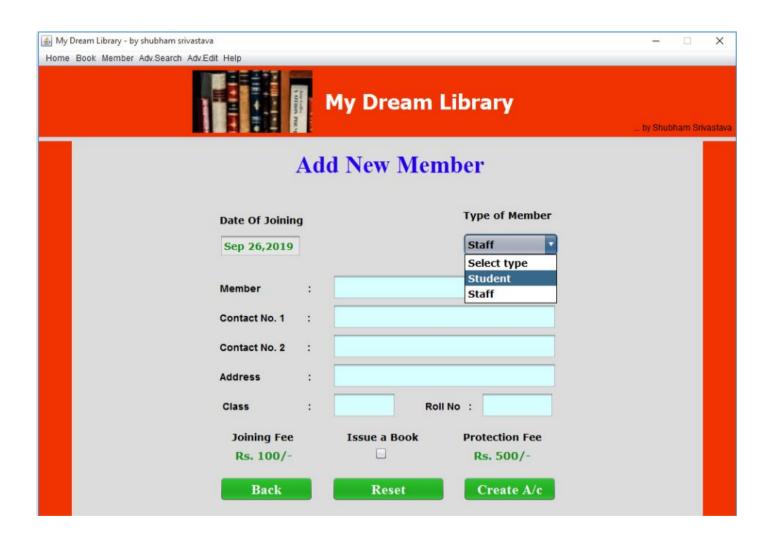
Or just Enter a few letter of that book name







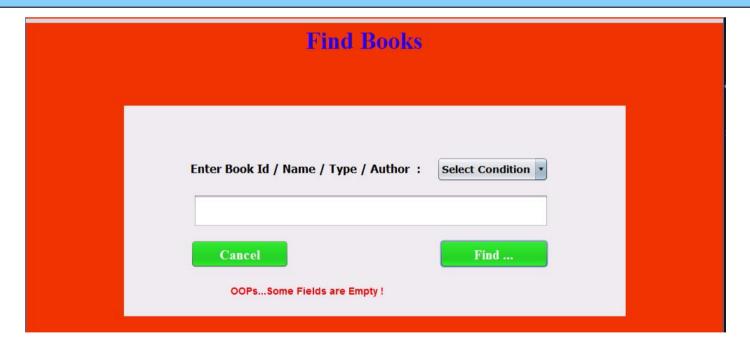
Creating Members: "Add New Member": - Menu-Item clicked



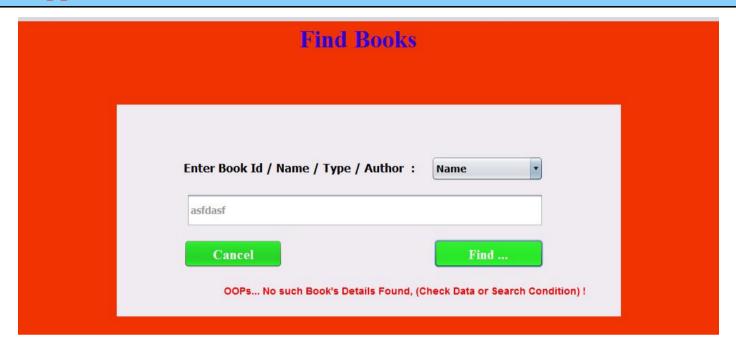
Finding Book(s): "Find Book":- Menu-Item clicked



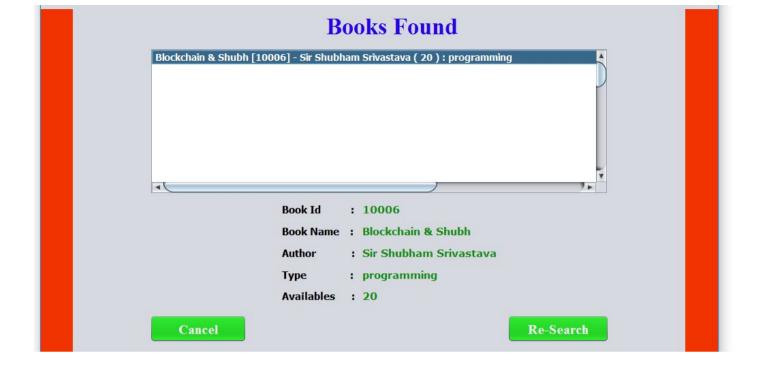
Form is Validated...

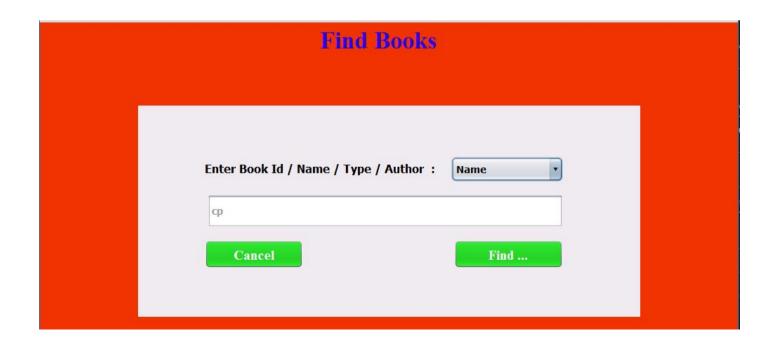


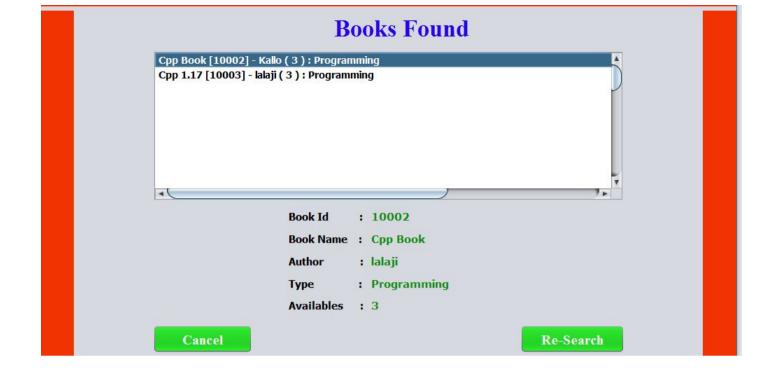
If No Data found, related to data that User had entered... Not Found feedback would appear...



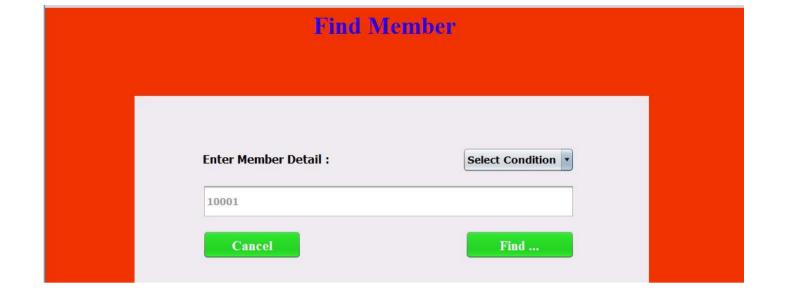
If few Characters are entered Only... Than All Books related to them would appear...







Same as for Finding Members, When Find Member Menu would click... and we can Enter details and See the Details of Member



Editing Details of Books: Menu "Edit Books" Clicked



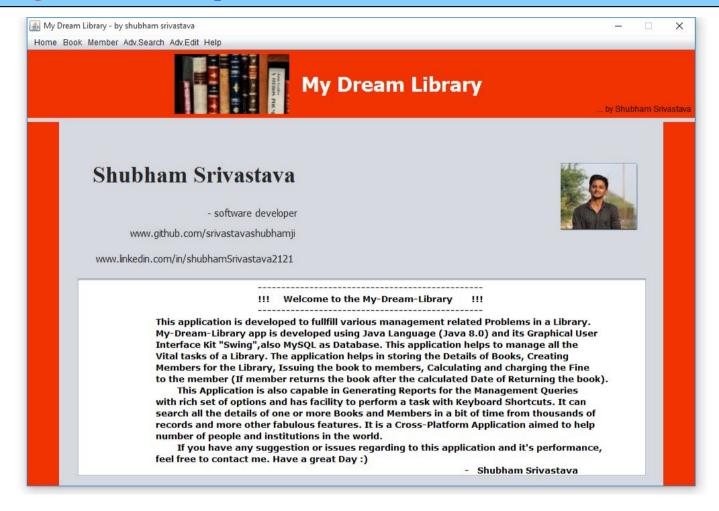
This will open a Panel to Take Book Id/Name and after That A new panel filled with desired Data would Open, We can then make changes into that and then Click Submit...

Same as for Editing details of a Member...

Help Menu Clicked...



Clicking Contact Developer Menu Item



Clicking Shortcut Keys Menu Item

Shortcut Keys

Issue Book : Ctrl + I Return Book : Ctrl + R

Generate Report: Ctrl + G Find Member: Ctrl + U

Edit Book Details: Ctrl + E Show All Books: Ctrl + Alt + B

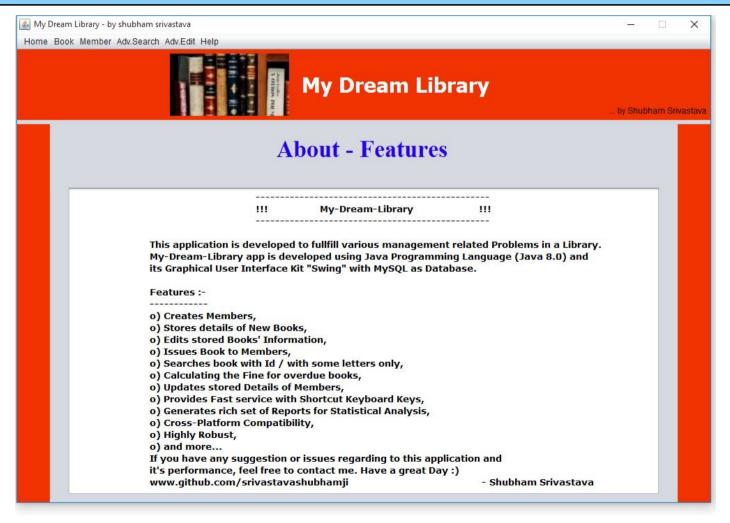
Add new Member: Ctrl + M Edit Member : Ctrl + Alt + M

Find Book : Ctrl + F Exit : Ctrl + Q

Contact Dev. : Ctrl + D Shortcut Keys : Ctrl + K

Sleep: Ctrl + S

Clicking About Application Menu Item



That's It Thanks to all of You ... for viewing this My Dream Library's How To Use PDF demo .! Have a great day ...Shubham Srivastava:)