App instruction

April 14, 2023

1:46 PM

Machine generated alternative text:
Login 
User ID: 
Password: 
Access 
Log In 
Library System 
Student 
Regis... 
Reset 

Screen clipping taken: 2023-04-14 1:47 PM

Machine generated alternative text:
User ID: 
Password: 
Access 
Student 

Screen clipping taken: 2023-04-14 1:48 PM

Password used Md5 model

Machine generated alternative text:
Main 
User Books manage 
x 
Message 
i login successful! 
OK 
x 

Machine generated alternative text:
Main 
User Books manage 

Machine generated alternative text:
Main 
User Books manage 
ISN 
Book Name 
Author 
Publisher 
x 
Book Name 
To Kill a Mockingbird 
Author 
Harper Lee 
Borrow Date 
2023-04-13 
Search 
Search 
Search 
Publisher 
Borrow 
Return 
Available 

I only wrote the user- mybooks, when open mybooks, the books which doesn't return will appear in the table

Machine generated alternative text:
MyBooks 
ISN 
1010101 
1221212 
1331131 
1414141 
1515151 
6616161 
1171717 
1181181 
1919191 
Book Name 
Author 
Publisher 
Book Name 
Pride and Prejudice 
To Kill a Mockingbird 
The Great Gatsby 
Moby Dick 
Crime and Punishment 
The Catcher in the Rye 
Brave New World 
The Grapes of Wrath 
Animal Farm 
The Iliad 
Catch-22 
The Count of Monte Cristo 
The Adventures of Huckleberry Finn 
War and Peace 
The Lord of the Rings 
The PicOre of Dorian Gray 
Frankenstein 
Author 
Jane Austen 
Harper Lee 
George Orwell 
F. Scott Fitzgerald 
Herman Melville 
Fyodor Dostoevsky 
J.D. Salinger 
Aldous Huxley 
John Steinbeck 
George Orwell 
Homer 
Joseph Heller 
Alexandre Dumas 
Mark Twain 
Leo Tolstoy 
J.R.R. Token 
Oscar Wilde 
Mary Shelley 
Borrow Date 
Search 
Search 
Search 
Publisher 
A.CO 
A.CO 
A.CO 
A.CO 
a.co 
A.CO 
a.co 
a.co 
A.CO 
A.CO 
a.co 
a.co 
a.co 
a.co 
a.co 
c.co 
c.co 
c.co 
Borrow 
Return 
Available 

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The search part by key words. If the textfield is empty will show whole books in database on table

Machine generated alternative text:
MyBooks 
ISN 
2222222 
4444444 
1010101 
1221212 
1331131 
1414141 
1515151 
6616161 
1171717 
1181181 
1919191 
Book Name 
Author 
Publisher 
Book Name 
Pride and Prejudice 
To Kill a Mockingbird 
The Great Gatsby 
Moby Dick 
Crime and Punishment 
The Catcher in the Rye 
Brave New World 
The Grapes of Wrath 
Animal Farm 
The Iliad 
Catch-22 
The Count of Monte Cristo 
The Adventures of Huckleberry Finn 
War and Peace 
The Lord ofte Rings 
The PicOre of Dorian Gray 
Frankenstein 
Author 
Jane Austen 
Harper Lee 
George Orwell 
F. Scott Fitzgerald 
Herman Melville 
Fyodor Dostoevsky 
J.D. Salinger 
Aldous Huxley 
John Steinbeck 
George Orwell 
Homer 
Joseph Heller 
Alexandre Dumas 
Mark Twain 
Leo Tolstoy 
J.R.R. Token 
Oscar Wilde 
Mary Shelley 
Borrow Date 
Search 
Search 
Search 
Publisher 
A.CO 
A.Co 
A.CO 
A.CO 
a.co 
A.CO 
a.co 
a.co 
A.CO 
A.CO 
a.co 
a.co 
a.co 
a.co 
a.co 
c.co 
c.co 
c.co 
Borrow 
Return 
Available 

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Select row if it's available = 0, can be borrowed, otherwise will give prompt information

Machine generated alternative text:
囗
MyBooks
ISN
BookName
PrideandP「钔u引
ToKillaMockingbird
TheGtGatsby
MobyDick
C门mendPunishment
TheC忙hintheRye
BraveNew\每尾
TheGrapesOf\每
AnimalFarm
The〗0
Ca忙h一22
TheCountOfMonteCristo
TheAdventuresOfHuckleberryFinn
\每「ndPeace
Author
neAusten
HarperLee
George0「W
F．S〔0Fitzgera尾
HmanMelville
FßdorDOS
Message
上D.Saling
A尾0Huxl
JohnSteinb
GeorgeOr
Homer
JosephHell
Alexandre
MarkT监in
LeoTolstoy
BorrowDate
Thebookisalreadyborrowed!
OK
Publisher
3333333
1囗1囗1囗1
1221212
1331131
1414141
1515151
6516161
A.CO
A.CO
A.CO
A.CO
土CO
A.CO
土CO
土CO
A.CO
A.CO
土CO
土CO
土CO
土CO
土CO

Machine generated alternative text:
《」Main
UserBooksmanage
囗
MyBooks
ISN
BookName
PridendP「钔udi
To℃日MO〔bi龕
TheGreatGaeby
MobyDick
C门mendPunishment
TheCa忙hintheRye
BraveNew\每尾
TheGrapesOf\每
Animal「m
The〗0
C忙h一22
TheCountOfMonteCristo
TheAdventuresOfHuckleberryFinn
\每「ndPeace
Author
neAusten
H印Lee
George0「we日
F．S（0Fiägerald
HmanMelville
FßdorDOS
Message
上D.Saling
A尾0Huxl
JohnSteinb
GeorgeOr
Homer
JosephHell
Alexandre
MarkT监in
LeoTolstoy
BorrowDate
Borrowedsuccessfully!
OK
Publisher
3333333
5555555
1囗1囗1囗1
1221212
1331131
1414141
1515151
6516161
A.CO
A.CO
A.CO
A.CO
8.CO
A.CO
土CO
土CO
A.CO
A.CO
土CO
土CO
土CO
土CO
土CO

When borrowed successfully, the book will show on your books table

Machine generated alternative text:
MyBooks 
ISN 
Book Name 
To Kill a Mockingbird 
The Great Gatsby 
Author 
Harper Lee 
F. Scott Fitzgerald 
Borrow Date 
2023-04-13 
2023-04-14 

The same thing when you want return tap return the book will change the state to available again and move out list of your book table

Machine generated alternative text:
MyBooks 
ISN 
2222222 
Book Name 
Author 
Publisher 
Book Name 
To Kill a Mockingbird 
The Great Gaeby 
Author 
Harper Lee 
F. Scott Fiägerald 
Message 
Borrow Date 
2023-04-13 
2023-04-14 
x 
Returned successfully! 
OK 
Search 
Search 
Search 
Publisher 
Borrow 
Return 

Screen clipping taken: 2023-04-14 2:06 PM

Machine generated alternative text:
MyBooks 
ISN 
Book Name 
Author 
Publisher 
Book Name 
To Kill a Mockingbird 
Author 
Harper Lee 
Borrow Date 
2023-04-13 
Search 
Search 
Search 
Publisher 
Borrow 
Return 

There are other functions on the main page that I did not write

Machine generated alternative text:
《」Registration
UserID
Password
Name
Usertype
Registration
student0，admin1
Register

I merged the registration function into the login interface

Here you can make a drop-down menu to optimize user type

Machine generated alternative text:
《」Login
UserID:
Password.
Access
LogIn
LibrarySystem
1018
Admin
Register
Reset

Screen clipping taken: 2023-04-14 2:10 PM

Administrator login page, I only wrote an interface, data manage - books update

Machine generated alternative text:
《」Admin
DataManageAboutme
囗
BooksIndexandupdate
ISN
UserID
BookName
userid
800kName
Search
Search
Author
Return
Borrow
BorrowDate
ReturnDate
Publisher
Available
Update
whenborrowneedUserID
AddBook

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Create a table and Implemented some retrieval functions and CRUD

Query the record of the ID by user id

Machine generated alternative text:
《」Admin
DataManageAboutme
囗
BooksIndexandupdate
ISN
UserID
BookName
user
0開1
0001
0001
0001
0001
800kName
CrimeandPunishment
PrideandPreudice
ToKillaMockinbird
TheGreatGatsb
Author
F0rDostoevs
JaneAusten
HarrLee
F_ScottFltzerald
Return
Borrow
BorrowDate
2023一01一01
2023一01一01
2023一04一13
2023一04一14
ReturnDate
2023一04一13
2023一01一15
2023一04一14
Publisher
A_CO
A_CO
A_CO
A_CO
Available
0
0
0
Search
Search
Update
whenborrowneedUserID
AddBook

Machine generated alternative text:
DataManageAboutme
囗
BooksIndexandupdate
ISN
3333333
5555555
7777777
8888888
9999999
1010101
1221212
1331131
1414141
UserID
BookName
user
0開1
0開1
0開1
0開1
0001
800kName
PrldeandPreudice
ToKillaMockinbird
1984
TheGreatGats
MobDick
CrimeandPunishment
TheCatcherintheR
BraveNewWorld
TheGras耐Wrath
AnimalFarm
The山丽
Catch-22
TheCountMonteCris.AlexandreDumas
Author
JaneAusten
HarrLee
Geore0刨
F_ScottFltzerald
HermanMelville
FodorDostoevs
J.D.Saliner
AldousHuxl
JohnSteinbeck
Geore0刨
Homer
JosehHeller
Return
Borrow
whenborrowneedUserID
AddBook
BorrowDate
2023一01一01
2023一04一13
2023一04一14
2023一01一01
ReturnDate
2023一01一15
2023一04一14
2023一04一13
Publisher
A_CO
A_CO
A_CO
A_CO
B_CO
A_CO
B_CO
B_CO
A_CO
A_CO
B_CO
B_CO
B_CO
Available
0
0
0
0
0
0
0
0
0
0
0
0
Search
Search
Update

Screen clipping taken: 2023-04-14 2:15 PM

Borrow and return similar as mybooks page

Machine generated alternative text:
Update Information 
ISN 
Title 
Author 
Price 
Publisher 
BookType 
Available 
Moby Dick 
Herman Melville 
1399 
B_C0 
5 
0 
x 
bird 
b 
ishment 
the R 
Wrath 
Save 
Author 
Jane Austen 
Har r Lee 
Geor e Orwell 
F. Scott Fitz erald 
Herman Melville 
F odor Dostoevs 
J_D_ Salin er 
Aldous Huxle 
John Steinbeck 
Geor e Orwell 
Homer 
Jose h Heller 
onte Cris__ Alexandre Dumas 
Return 
Borrow 
when borrow need fill User ID 
Add Book 
Borrow Date 
2023-01-01 
2023-04-13 
2023-04_14 
2023-01-01 
Return Date 
2023-01-15 
2023-04_14 
2023-04-13 
Publisher 
A_C0 
A.C0 
B_Co 
A_C0 
B_C0 
B_C0 
A_C0 
B_C0 
B_C0 
B_C0 
Available 
0 
0 
0 
0 
0 
0 
0 
0 
0 
0 
0 
0 
Book Name 
Delete 
Search 
Update 

Screen clipping taken: 2023-04-14 2:16 PM

Update page, Implement update and delete, two functions

Machine generated alternative text:
《」UpdateInformation
ISN
Title
Author
Price
Publisher
BookType
Available
MobyDick
HermanMelville
13·99
B_CO
5
0
bird
ishment
theR
Wrath
onteCris.
Save
Author
JaneAusten
HarrLee
Geore0刨
F.ScottFltzerald
HermanMelville
Fodor
J.D.
Message
Aldous
John
Homer
Jose
Alexa
Return
Borrow
BorrowDate
2023一01一01
2023一04一13
2023一04一14
ISNmustbe8digits!
OK
ReturnDate
2023一01一15
2023一04一14
3一04一13
Publisher
A_CO
A_CO
A_CO
ACO
B_CO
A_CO
B_CO
B_CO
A_CO
A_CO
B_CO
B_CO
B_CO
BookName
Delete
Search
Update
whenborrowneedUserID
AddBook

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Validity check

Machine generated alternative text:
《」Add800k
ISN
Ttle
Author
Pnce
Publisher
800kTypeID
Available
1.ClassicLiterature
0availa.
OK
Cancel

Screen clipping taken: 2023-04-14 2:20 PM

Machine generated alternative text:
《」Add800k
ISN
Ttle
Author
Pnce
Publisher
800kTypeID
Available
77777000
CanadaHistory
GoodAuthor
C_CO
2.HistoricalFiction
0availa.
BorrowDate
2023一01一01
2023一04一13
2023一04一14
Bookaddsuccessfully!
OK
ReturnDate
2023一01一15
2023一04一14
04一13
Message
Publisher
A_CO
A_CO
A_CO
A_CO
B_CO
A_CO
B_CO
A_CO
A_CO
B_CO
Available
0
0
0
0
0
0
0
0
0
0
0
0

Screen clipping taken: 2023-04-14 2:22 PM

Machine generated alternative text:
《」AddBook
ISN
Ttle
Author
Pnce
Publisher
800kTypeID
Available
1.ClassicLiterature
0availa.
OK
Cancel

Screen clipping taken: 2023-04-14 2:22 PM

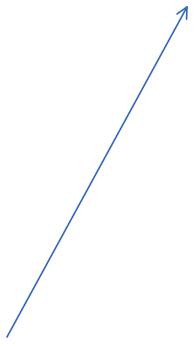
Once add success back to empty textfields

Machine generated alternative text:
2020202
2233333
77777000
UserID
0001
Dracula
Theoldmanandfish
CanadaHisto
Search
BramStoker
MarkTowln
GoodAuthor
Return

Screen clipping taken: 2023-04-14 2:23 PM

New book stored

C:\7581A0E5\B6A7663A-5666-4B7B-8435-096DE1496AFF_files\image024.png



C:\7581A0E5\B6A7663A-5666-4B7B-8435-096DE1496AFF_files\image029.png