

Web Programming Languages

CS 6314.001

Bookstore Website



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1. Project Title: Bookstore Website

2. Website Name: Bookstore Website

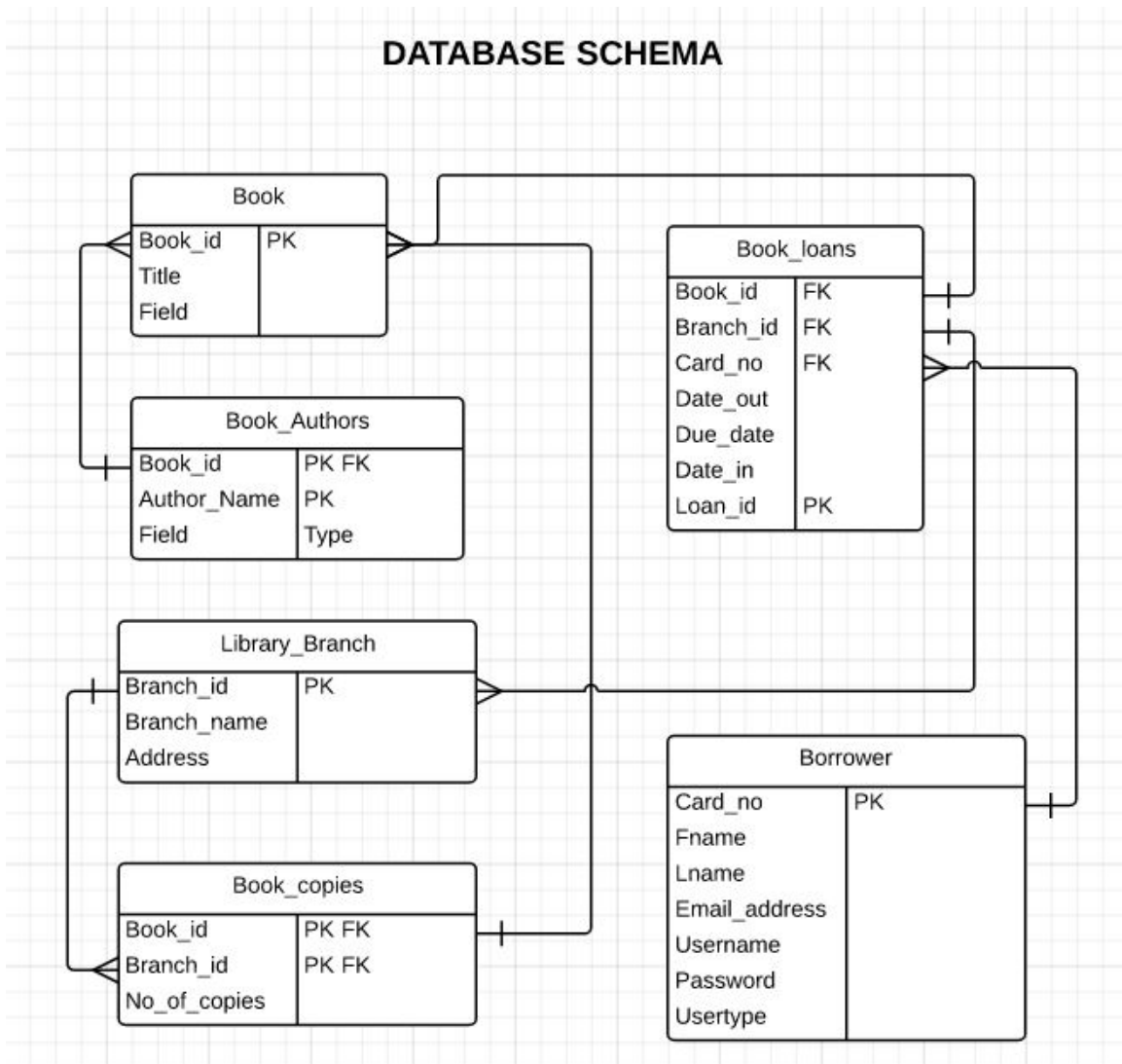
1. Project Description:

In this project, I designed an online Bookstore Website. I used HTML/CSS/JavaScript/JQuery/Ajax in the front-end, PHP for server-side scripting, and MySQL for database.

A user can log-in or register for a new account at log-in page. Validation is checking for the existing email address and user name when user registers.

There are two types of user: admin and normal user. If normal user logged in, all the admin functions will not be shown. A normal user can search/check-in/check-out a book as well as paying the fine. An admin user can do all the normal user can do plus the privilege to add/update/delete a book. When a book is on loan, admin cannot delete this book.

2. Database Design:



3. Languages/Frameworks Used for Implementation:

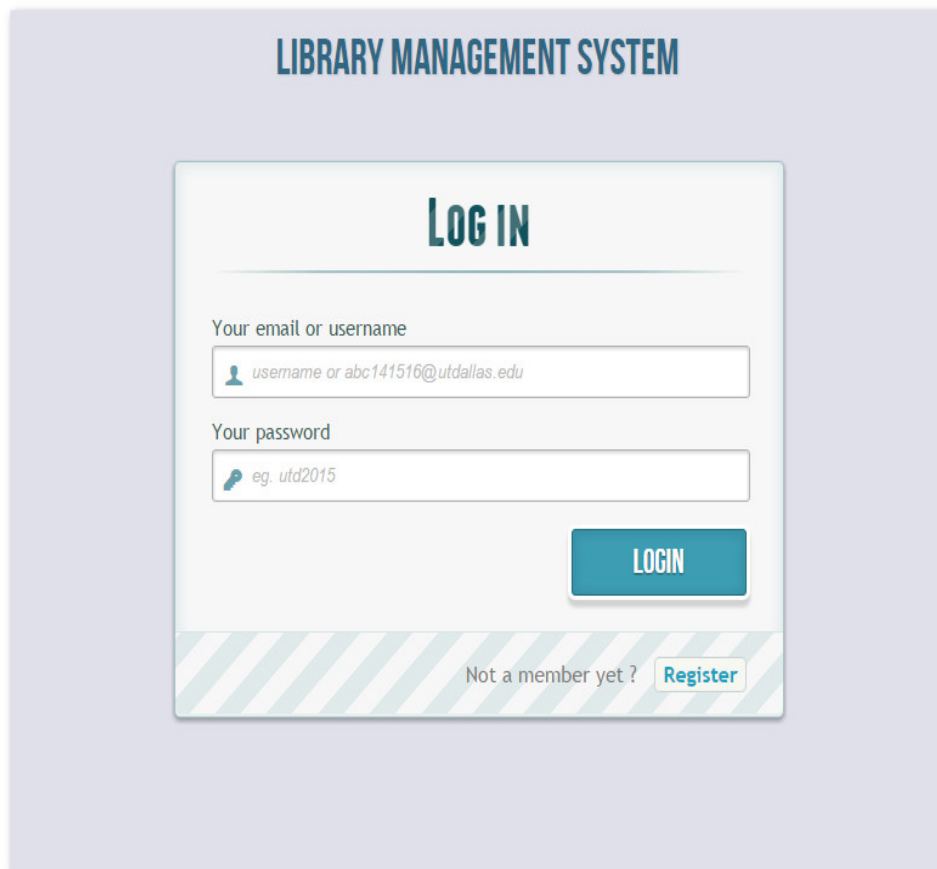
Language: PHP, JavaScript (JQuery,Ajax), HTML, CSS

IDE: Notepad++ 6.8.7, Eclipse, MySQL Workbench

Environment: MAMP

4. Functionality Screen Shots

4.1 Log-in page




The screenshot displays the 'LIBRARY MANAGEMENT SYSTEM' login interface. It features a central white box with a light blue border on a light purple background. The box is titled 'LOG IN' in large, bold, dark blue letters. Below the title, there are two input fields: 'Your email or username' with a placeholder 'username or abc141516@utdallas.edu' and a user icon, and 'Your password' with a placeholder 'eg. utd2015' and a key icon. A blue 'LOGIN' button is positioned to the right of the password field. At the bottom of the box, a striped area contains the text 'Not a member yet ?' followed by a blue 'Register' button.

4.2 Register page


LIBRARY MANAGEMENT SYSTEM

SIGN UP


Your firstname

Tom


Your lastname

Hanks


Your username

myusername

Your email

abc141516@utdallas.edu

Your password

eg. utd2015

SIGN UP

Already a member ? [Log in](#)

4.3 User function

Library Management System

Search book

ISBN

Book's ISBN

Title

Book's Title

Author

Book's Author

Search

Return book

Click me

Fines

Check Fines

Logout

VI

4.4 Admin function

The screenshot displays the 'Library Management System' Admin Interface. It features a sidebar with navigation links: Home, Add Book, Search Book, Return Book, Fines, and Logout. The main content area is divided into four sections:

- Search book:** Includes input fields for ISBN, Title, and Author, with a 'Search' button.
- Return book:** Includes input fields for Book ID, Card Number, and Borrower Name, with a 'Confirm' button.
- Fines:** Includes an input field for Card Number, with 'Confirm' and 'Refresh Fines Daily' buttons.
- Book Management:** Includes buttons for 'Addbook', 'Deletebook', 'Updatebook', and 'Logout'.

4.5 Search book result

The screenshot displays the 'Search Result' page, which shows a table of search results. The table has the following columns: Book ID, Title, Author, Branch ID, Number Of Copies, Number Of Availability, and CheckOut. The results are as follows:

Book ID	Title	Author	Branch ID	Number Of Copies	Number Of Availability	CheckOut
0130897930	Core Web Programming (2nd Edition)	Mary Hall,Larry Brown	1	1	1	Check Out
0130897930	Core Web Programming (2nd Edition)	Mary Hall,Larry Brown	2	1	0	Check Out
0130897930	Core Web Programming (2nd Edition)	Mary Hall,Larry Brown	3	2	1	Check Out
0130897930	Core Web Programming (2nd Edition)	Mary Hall,Larry Brown	4	0	0	Check Out
0130897930	Core Web Programming (2nd Edition)	Mary Hall,Larry Brown	5	1	1	Check Out
0470843713	Web Programming: Building Internet Applications, 2nd Edition	Chris Bates	1	1	1	Check Out
0470843713	Web Programming: Building Internet Applications, 2nd Edition	Chris Bates	2	1	1	Check Out
0470843713	Web Programming: Building Internet Applications, 2nd Edition	Chris Bates	3	1	1	Check Out
0470843713	Web Programming: Building Internet Applications, 2nd Edition	Chris Bates	4	1	1	Check Out
0470843713	Web Programming: Building Internet Applications, 2nd Edition	Chris Bates	5	1	1	Check Out
0471496693	Web Programming: Building Internet Applications	Chris Bates	1	1	1	Check Out
0471496693	Web Programming: Building Internet Applications	Chris Bates	2	0	0	Check Out
0471496693	Web Programming: Building Internet Applications	Chris Bates	3	1	1	Check Out
0471496693	Web Programming: Building Internet Applications	Chris Bates	4	1	1	Check Out
0471496693	Web Programming: Building Internet Applications	Chris Bates	5	1	1	Check Out
0619064587	The Web Warrior Guide To Web Programming (Web Warrior Series)	Xue Bai,Michael Ekedahl,Joyce Farrell,Dan Gossett	1	1	1	Check Out
0619064587	The Web Warrior Guide To Web Programming (Web Warrior Series)	Xue Bai,Michael Ekedahl,Joyce Farrell,Dan Gossett	2	1	1	Check Out
0619064587	The Web Warrior Guide To Web Programming (Web Warrior Series)	Xue Bai,Michael Ekedahl,Joyce Farrell,Dan Gossett	3	1	1	Check Out
0619064587	The Web Warrior Guide To Web Programming (Web Warrior Series)	Xue Bai,Michael Ekedahl,Joyce Farrell,Dan Gossett	4	1	1	Check Out
0619064587	The Web Warrior Guide To Web Programming (Web Warrior Series)	Xue Bai,Michael Ekedahl,Joyce Farrell,Dan Gossett	5	0	0	Check Out
0735710902	Python Web Programming	Steve Holden	1	1	1	Check Out
0735710902	Python Web Programming	Steve Holden	2	1	1	Check Out
0735710902	Python Web Programming	Steve Holden	3	1	1	Check Out
0735710902	Python Web Programming	Steve Holden	4	1	1	Check Out
0735710902	Python Web Programming	Steve Holden	5	1	1	Check Out
0789710285	Web Programming Desktop Reference 6-In-1	Rick Darnell,Brian Farrar,Russ Jacobs,David Medane	1	1	1	Check Out
0789710285	Web Programming Desktop Reference 6-In-1	Rick Darnell,Brian Farrar,Russ Jacobs,David Medane	2	1	1	Check Out
0789710285	Web Programming Desktop Reference 6-In-1	Rick Darnell,Brian Farrar,Russ Jacobs,David Medane	3	0	0	Check Out
0789710285	Web Programming Desktop Reference 6-In-1	Rick Darnell,Brian Farrar,Russ Jacobs,David Medane	4	0	0	Check Out
0789710285	Web Programming Desktop Reference 6-In-1	Rick Darnell,Brian Farrar,Russ Jacobs,David Medane	5	1	1	Check Out

At the bottom of the page, there is a 'Return' button and a status bar showing the date and time.

4.6 Pay-fine page

Paying Fines

The entered card number is 1029.

Book_ID	Branch_ID	Date_out	Due_date	Date_in	Loan_ID	Card_NO.	Fine_Amount	Paid
0789710285	5	2015-11-02	2015-11-15	2015-12-02	350	1029	4.25	0
0789710285	2	2015-11-02	2015-11-15	2015-12-02	351	1029	4.25	0
0619064587	4	2015-11-02	2015-11-15	2015-12-02	352	1029	4.25	0
SUM								12.75

You don't have fines.

[Return](#)

4.7 Adding book page

Adding A NEW Book

Adding book

ISBN

Book ISBN

Title

Book Title

Author

Book Author

Branch

Book Branch

Number of Copies

Book Copies

Add book

[Return](#)

tools.docx updated
"tools.docx" was updated to the latest version (click to view).