

# **Web Programming Languages**

## **CS 6314.001**

### **Bookstore Website**



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## **1. Project Title: Bookstore Website**

## **2. Website Name: Bookstore Website**

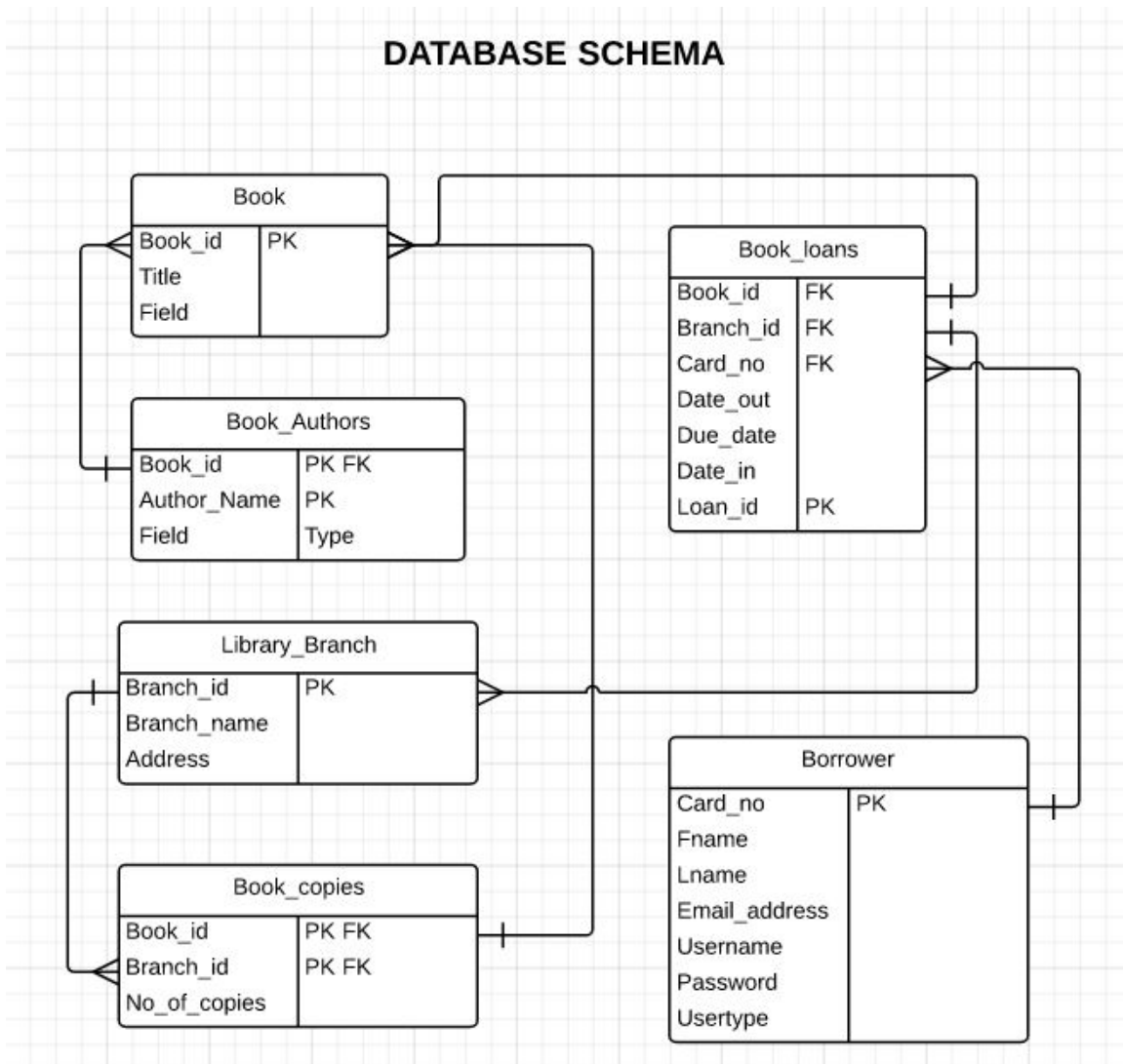
### **1. Project Description:**

In this project, we designed an online Bookstore Website. We 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:

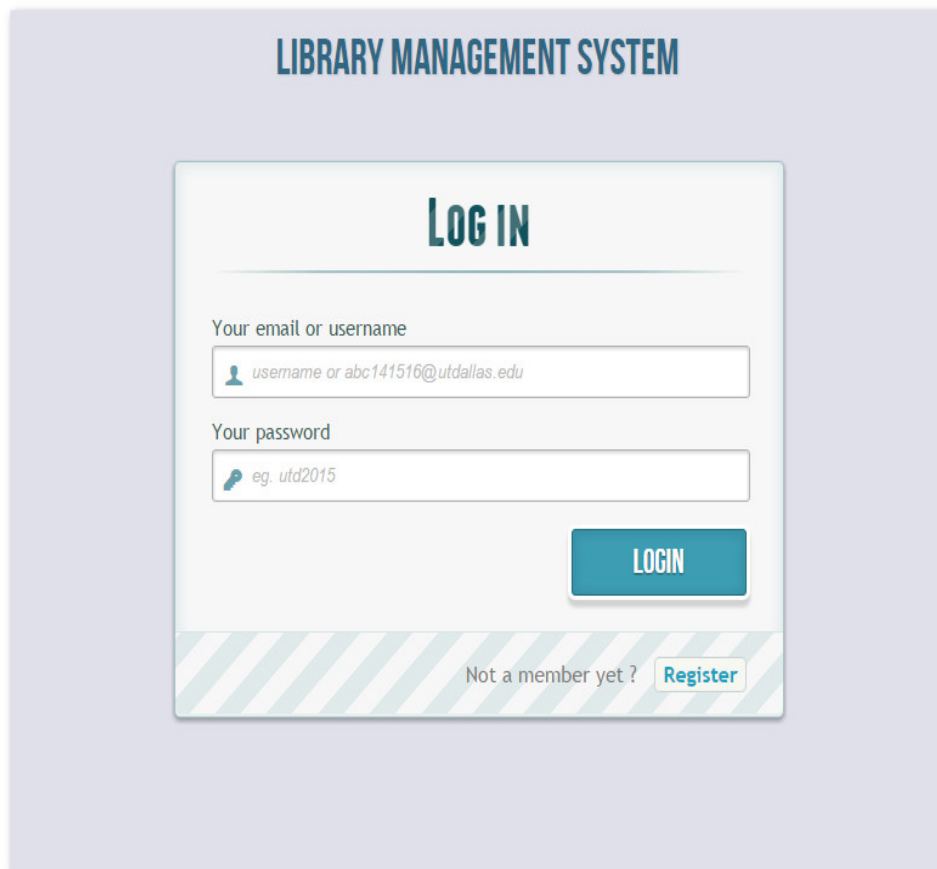
Language: PHP, JavaScript (jQuery,Ajax), HTML, CSS

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' interface. At the top, the title 'LIBRARY MANAGEMENT SYSTEM' is centered in a blue, sans-serif font. Below this, a white rectangular box with a thin blue border contains the 'LOG IN' section. The title 'LOG IN' is centered at the top of this box in a large, bold, blue font. Below the title, there are two input fields. The first field is labeled 'Your email or username' and contains the placeholder text 'username or abc141516@utdallas.edu'. The second field is labeled 'Your password' and contains the placeholder text 'eg. utd2015'. To the right of the password field is a blue button with the text 'LOGIN' in white. At the bottom of the white box, there is a blue and white striped background. On this background, the text 'Not a member yet ?' is displayed in a small, blue font, followed by a blue button with the text 'Register' in white.

### 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

## 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).