



كلية علوم الحاسوب والمعلومات
College of Computer and Information Sciences

Web Application Development _CS 486T

Project

BOOK STORE

7C7

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For Instructor Use Only

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Total Score	15		

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PLO	Max Mark	Marks Obtained	Note
Total Score	15		

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PLO	Max Mark	Marks Obtained	Note
Total Score	15		

- **Proposal:**

The ability for a customer to buy books online provides him/her with an ultimate personal experience. It makes it possible for anyone to buy books that are compatible with their specific interests on any day and at any time. Online bookstores have altered how readers and writers interact and are expected to have a massive impact on the book retail business in the future. They do not require physical access and are open for 24 hours. Managing of inventory in the shop for shopkeeper becomes easier as customers are not visiting and ordering online.

This system saves both time and travelling cost of customers.

User can get to know different kinds of books that they were unaware of just by opening the website and going through the books list.

So that's why we are proposing a bookstore website to provide our customers with the best service quality. Website applications have many advantages, such as:

1. websites are accessible from any internet-enabled computer.
2. Usable with different operating systems and browser platforms.

And many other advantages that outweigh the disadvantages we chose it to be a website rather than a desktop application.

- **Brief description of your web site:**

This website allows the customer to get their book delivered instead of actually going and buying the book. This will be by only signing in to create an account then log in the system. After that, the customer will add his contact information, such as address and phone number. Then he can add books to cart, view cart and finally check out. The payment will be Cash on Delivery (COD). Delivery price will be free since books are a bit expensive. Admin adds books, and he has an independent interface. Admin can log in the system view customers information, available books and add books to them as well.

- **System requirements:**

1. **The system consists of two users :** Admin and customer.

2. **Functional Requirements:**

Admin:

- log in .
- View customers information.
- Add book .
- View Available books.
- View Customers information.
- Log out.

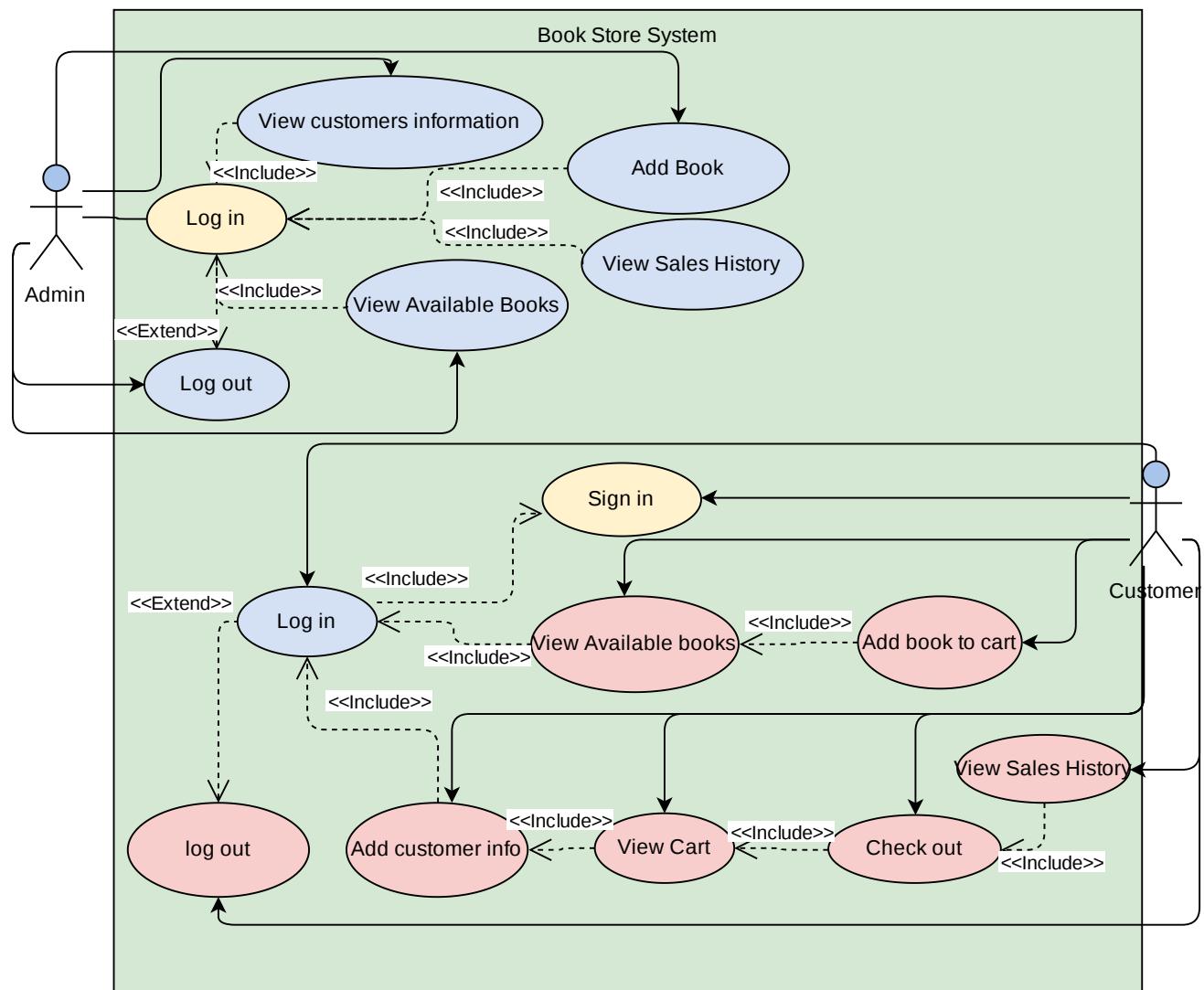
Customer:

- Sign in.
- log in.
- Add customer information.
- View available books.
- Add book to cart.
- View cart.
- Checkout.
- Log out.

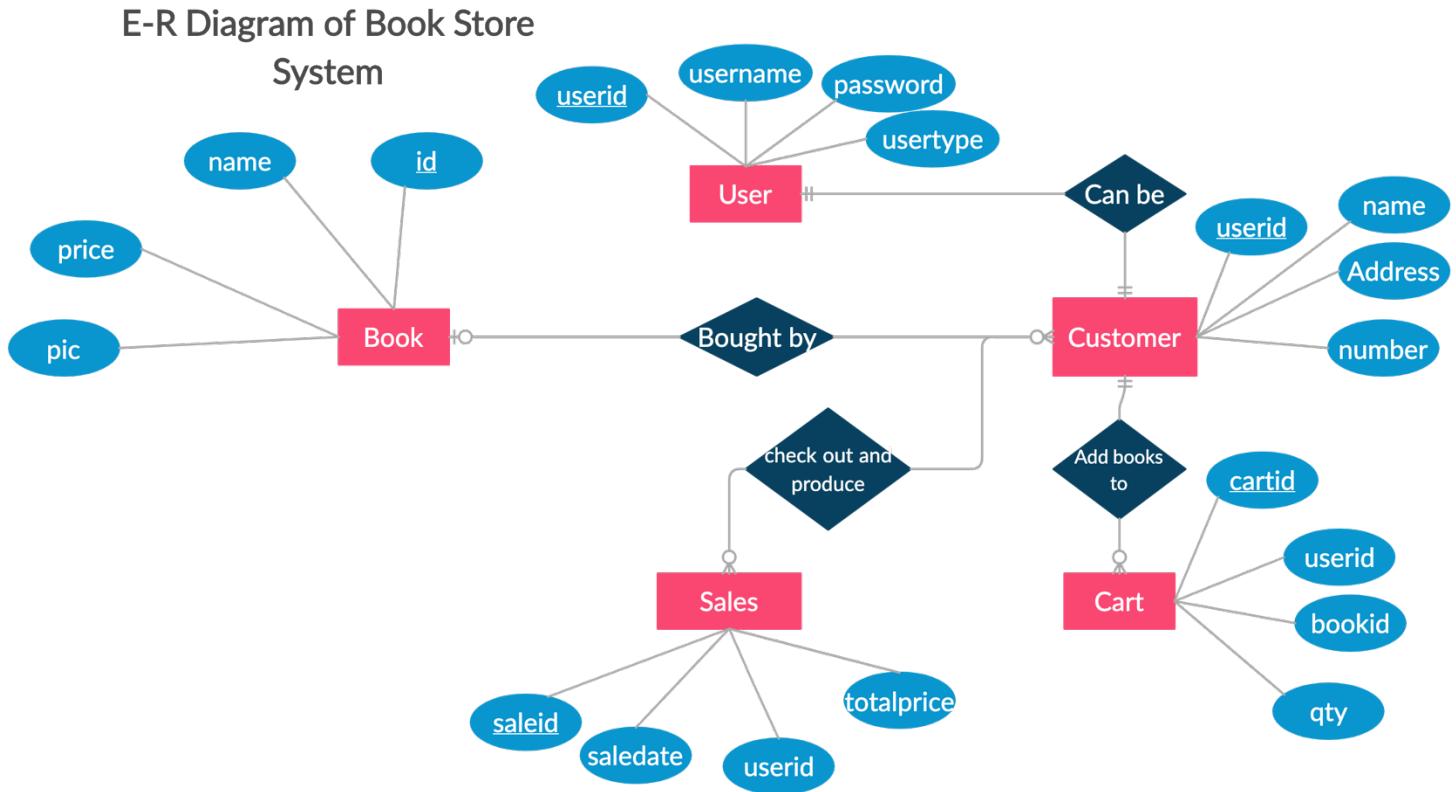
- Non-functional requirements:

- **Availability:** Percentage of time that system can be used to accomplish normal tasks.
- **Usability:** The system should be easy and user-friendly.
- **Security:** Security is obtained by ensuring that no one can access system except for authorized people by username and password.
- **Privacy:** Privacy is that each user can see only his related information.

- **Use case diagram:**



- Database design:



- We have 5 main entities' for our database
 1. User, to store admin and customer login data (username , password) and usertype to differentiate between them.
 2. Customer , to store customer's communication information.
 3. Book , to store available books associated with their id , name , price and picture.
 4. Cart , to store cartid , userid that added book to cart , bookid that is added to cart and qty of book added.
 5. Sales, to store information after checkout such as saleid , saledate , userid to identify which user checked out and finally the totalprice.
 - 6.

We implemented it using XAMPP phpMyAdmin.

Database name : BookStore.

The screenshot shows the phpMyAdmin interface for the BookStore database. The left sidebar lists tables: Book, Cart, Customer, Sales, and User. The main area displays the structure of the User table, which has 4 columns: userid, username, password, and usertype. The table contains 4 rows with data: (1, admin1, 123, Admin), (2, reem, 123, Customer), (3, haya, 123, Customer), and (4, sara, 123, Customer). Below the table, there is a 'Create table' form with 'Name:' and 'Number of columns: 4' fields, and a 'Go' button.

User table:

The screenshot shows the phpMyAdmin interface for the User table. The table structure is identical to the one in the previous screenshot. The data is as follows:

userid	username	password	usertype
1	admin1	123	Admin
2	reem	123	Customer
3	haya	123	Customer
4	sara	123	Customer

Customer table:

The screenshot shows the phpMyAdmin interface for the 'Customer' table in the 'BookStore' database. The table has four columns: userid, name, address, and number. There are three rows of data:

userid	name	address	number
2	REEM ALRASHED	RIYADH	5455555
3	Haya AlRashed	Riyadh	545553211
4	SARA	KSA , Riyadh	545500000

Book table:

The screenshot shows the phpMyAdmin interface for the 'Book' table in the 'BookStore' database. The table has five columns: id, name, price, and pic. There are seven rows of data:

id	name	price	pic
1	Oracle Database	199	https://www.jarir.com/cdn-cgi/image/fit=contain,wi...
2	Apple Watch, 2nd Edition	119	https://www.jarir.com/cdn-cgi/image/fit=contain,wi...
3	Brilliant Office 2010	135.45	https://www.jarir.com/cdn-cgi/image/fit=contain,wi...
4	Learning How to Program , C	397.95	https://www.jarir.com/cdn-cgi/image/fit=contain,wi...
5	Treehouse	156.45	https://www.jarir.com/cdn-cgi/image/fit=contain,wi...
6	In a Nutshell ,Web Design, à€ž2à€žnd Edition	61.95	https://www.jarir.com/cdn-cgi/image/fit=contain,wi...
7	Bible	219.45	https://www.jarir.com/cdn-cgi/image/fit=contain,wi...

Cart table:

The screenshot shows the phpMyAdmin interface for the BookStore database. The left sidebar shows the database structure with tables: New, BookStore, New, Book, Cart, Customer, Sales, and User. The Cart table is selected. The main area displays the following SQL query and its results:

```
SELECT * FROM `Cart`
```

Query results:

cartid	userid	bookid	qty

Below the results, there are sections for "Query results operations" (Create view) and "Bookmark this SQL query" (Label: [] Let every user access this bookmark). A "Bookmark this SQL query" button is located at the bottom right of the query section.

Sales table:

The screenshot shows the phpMyAdmin interface for the BookStore database. The left sidebar shows the database structure with tables: New, BookStore, New, Book, Cart, Customer, Sales, and User. The Sales table is selected. The main area displays the following SQL query and its results:

```
SELECT * FROM `Sales`
```

Query results:

	userid	saledate	saleid	totalprice
<input type="checkbox"/>	2	Fri, 06 Dec 2019 13:48:47 +0100	1	596.95
<input type="checkbox"/>	2	Fri, 06 Dec 2019 13:49:04 +0100	2	61.95

Below the results, there are sections for "Query results operations" (Print, Copy to clipboard, Export, Display chart, Create view) and "Bookmark this SQL query" (Label: [] Let every user access this bookmark). A "Bookmark this SQL query" button is located at the bottom right of the query section.

- **Screenshots of the website:**

Home Page : for admin and customer login.

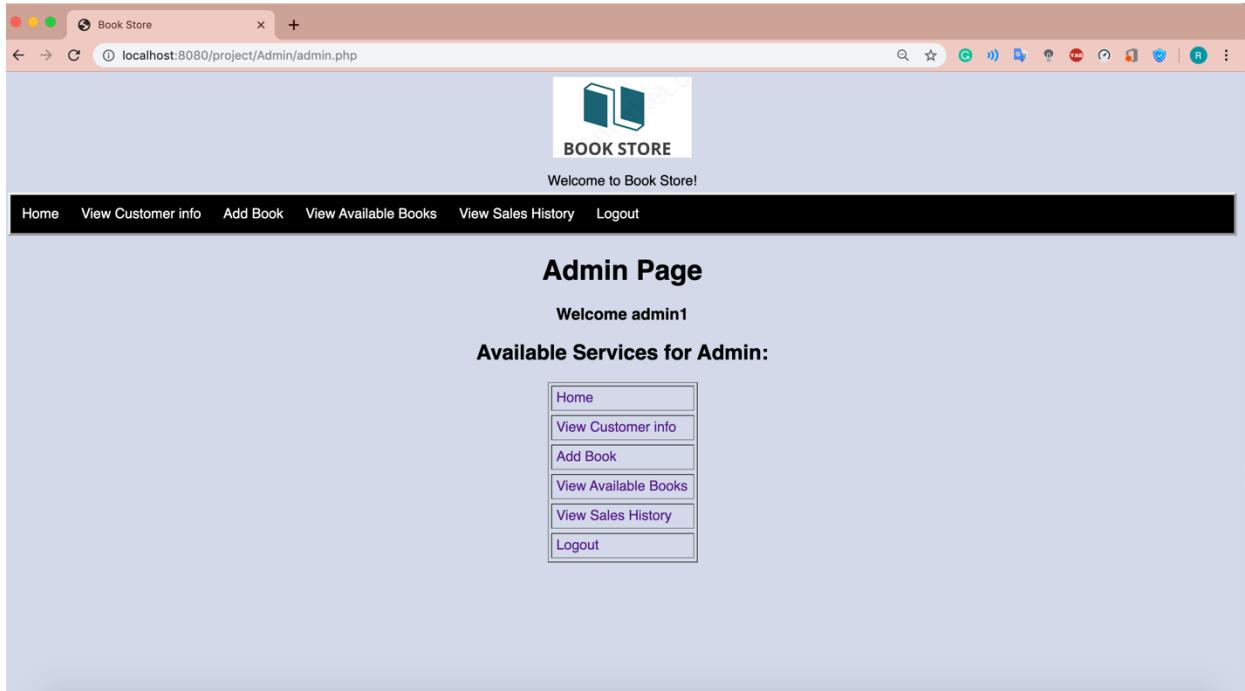
The screenshot shows a web browser window titled "Book Store" with the URL "localhost:8080/project/". The page features a logo of two books and the text "BOOK STORE". Below it, the heading "Welcome to Book Store System" is displayed, followed by "Login page". A form titled "Login For Admin and Customer" contains fields for "Username" (with placeholder "Enter Username") and "Password" (with placeholder "Enter password"). There is a "User Type" section with radio buttons for "Admin" and "Customer". At the bottom are "login" and "reset" buttons, and a link "If you're not signed in? [Sign in](#)".

Admin:

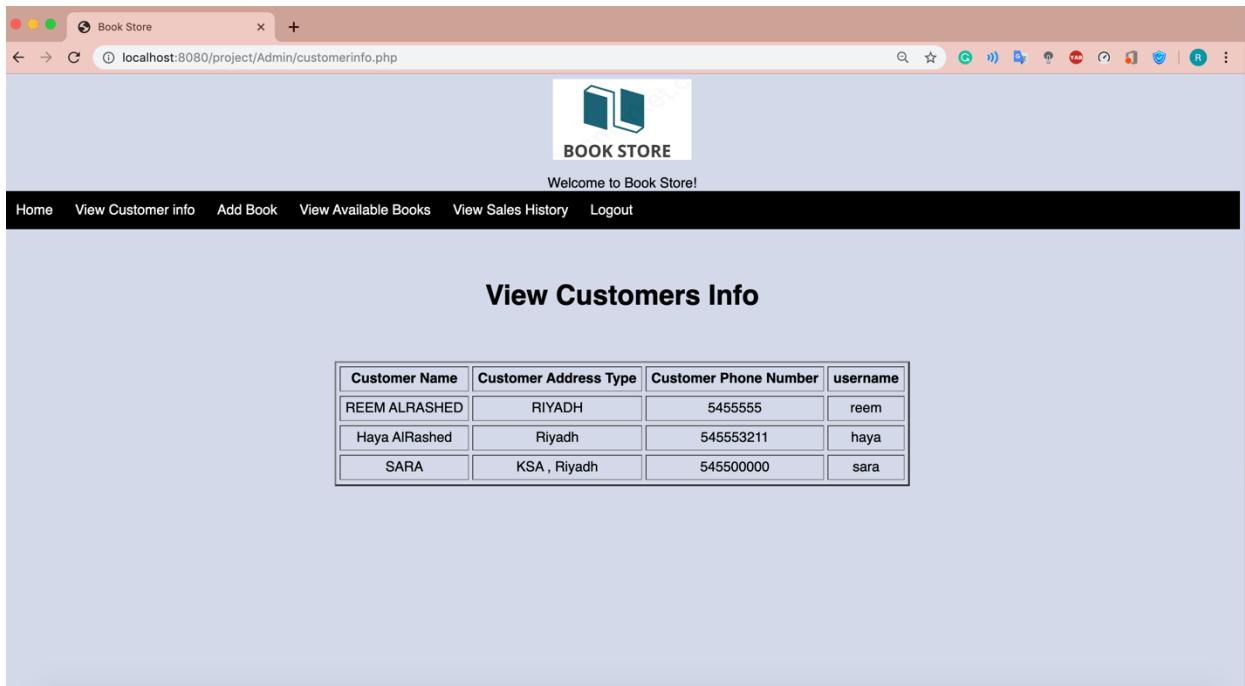
- **Login page:** Admin enters his username , password and choose his usertype.

The screenshot shows the same "Book Store" login page as above. In the "Username" field, the value "admin1" is entered. The "User Type" radio button for "Admin" is selected. The "login" button is visible at the bottom of the form area.

- **Admin Home page:** It contains welcoming message and admin service .



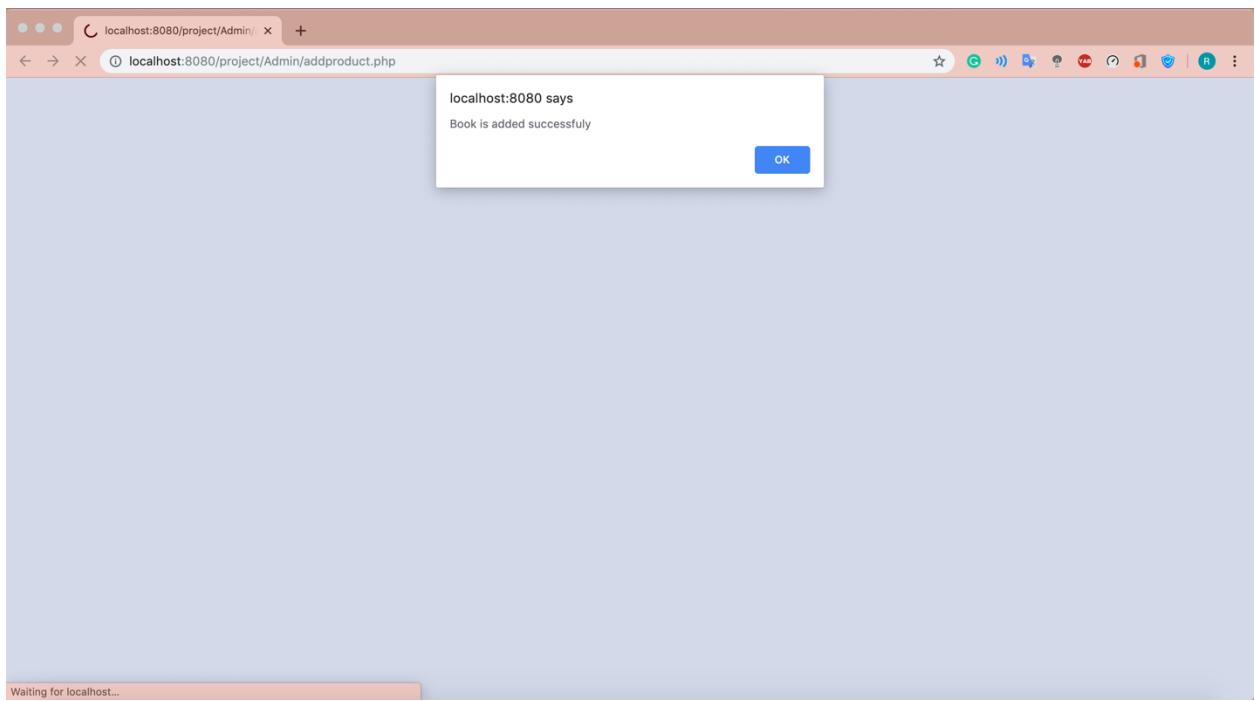
- **View Customer info page:** it contains registered customers information.



- **Add book:** it contains form for adding books.

The screenshot shows a web browser window titled "Book Store" with the URL "localhost:8080/project/Admin/addProductForm.php". The main title is "Add Book page". Below it, a sub-section titled "Book adding form" contains fields for "Book id" (value: 8), "Book name" (value: Programming C#), and "Book price" (value: 82.95). A "Book Picture URL" field contains the value "vjarir.com/cdn-cgi/image/fit=contain,width=400,height=400/https://www.jarir.com/media/catalog/product/1/8/187658.jpg?1". At the bottom are two buttons: "Add Book" and "Reset".

After clicking Add Book button:



- **View Available books:** it contains table that shows available books.

Welcome to Book Store!

View Available Books Info

Name	Id	Price	Picture
Oracle Database	1	199	
Apple Watch_2nd Edition	2	119	

Treehouse	5	156.45	
In a Nutshell ,Web Design, 2nd Edition	6	61.95	
Bible	7	219.45	
Programming C#	8	82.95	

- **View Sales History:** it contains sales table.

Welcome to Book Store!

History of sales

Sales history

Userid	Customer name	Address	Phone number	Sale Id	Sale Date	Total price
2	REEM ALRASHED	RIYADH	5455555	1	Fri, 06 Dec 2019 13:48:47 +0100	596.95
2	REEM ALRASHED	RIYADH	5455555	2	Fri, 06 Dec 2019 13:49:04 +0100	61.95

- **Log out:** redirect and go to home page again first click logout

Welcome to Book Store!

Home View Customer info Add Book View Available Books View Sales History Logout

Then it will go to home page.

Welcome to Book Store System

Login page

—Login For Admin and Customer—

Username :

Password :

User Type : Admin Customer

login

reset

If you're not signed in? [Sign in](#)

Customer:

Assuming that user is not signed in the system

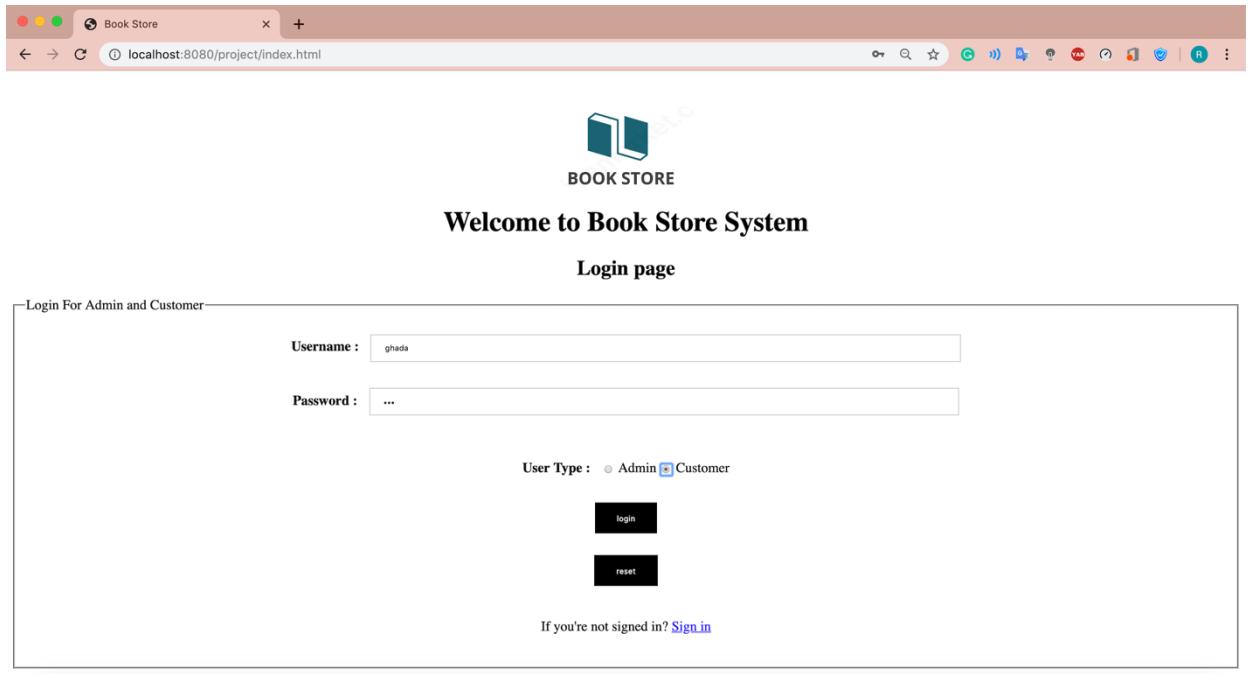
- **Login page:** Customer click on sign in

The screenshot shows a web browser window titled "Book Store" with the URL "localhost:8080/project/index.html". The page features a logo of two books and the text "BOOK STORE". Below it, the heading "Welcome to Book Store System" is displayed, followed by "Login page". A form titled "Login For Admin and Customer" contains fields for "Username" and "Password", both with placeholder text "Enter Username" and "Enter password" respectively. There is also a "User Type" section with radio buttons for "Admin" and "Customer". At the bottom of the form are two buttons: "login" and "reset". A link "If you're not signed in? [Sign in](#)" is located at the very bottom.

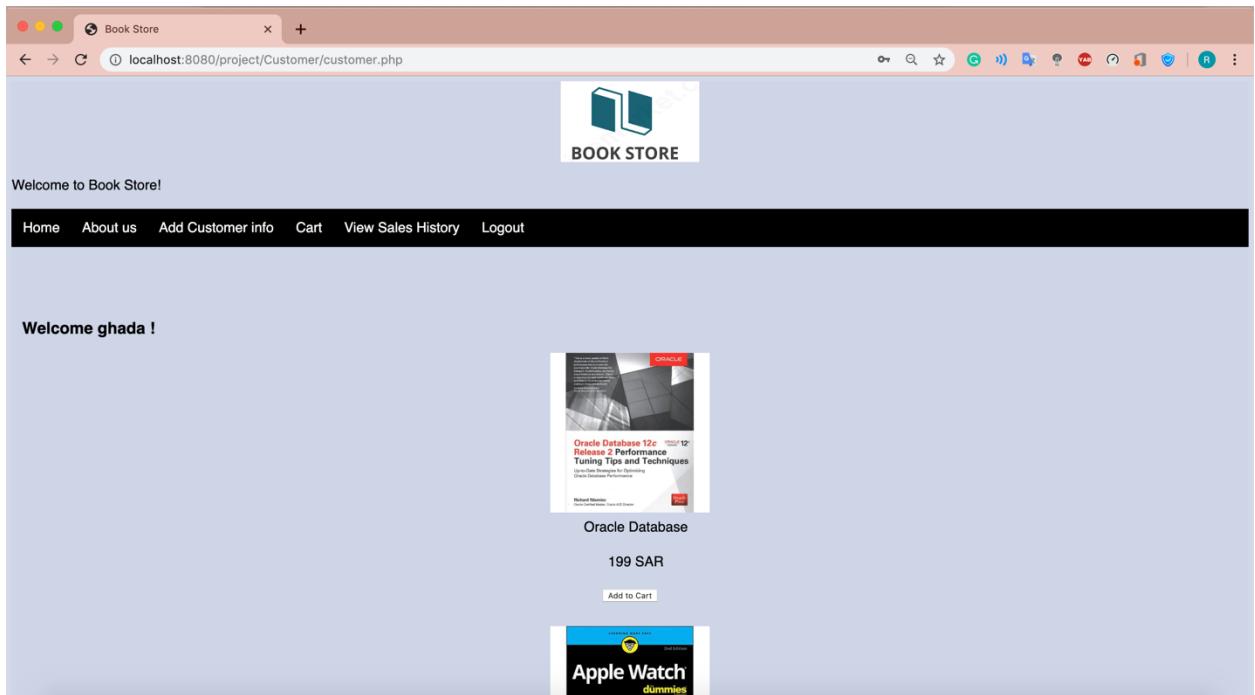
Customer will be directed to sign in page and enter his information

The screenshot shows a web browser window titled "Book Store" with the URL "localhost:8080/project/signin.html". The page features a logo of two books and the text "BOOK STORE". Below it, the heading "Welcome to Book Store System" is displayed, followed by "Customer sign in page". A form titled "Sign in For Customer" contains fields for "Username" and "Password". The "Username" field has the value "ghada" entered. The "Password" field is partially visible with an ellipsis "...". At the bottom of the form are two buttons: "login" and "reset".

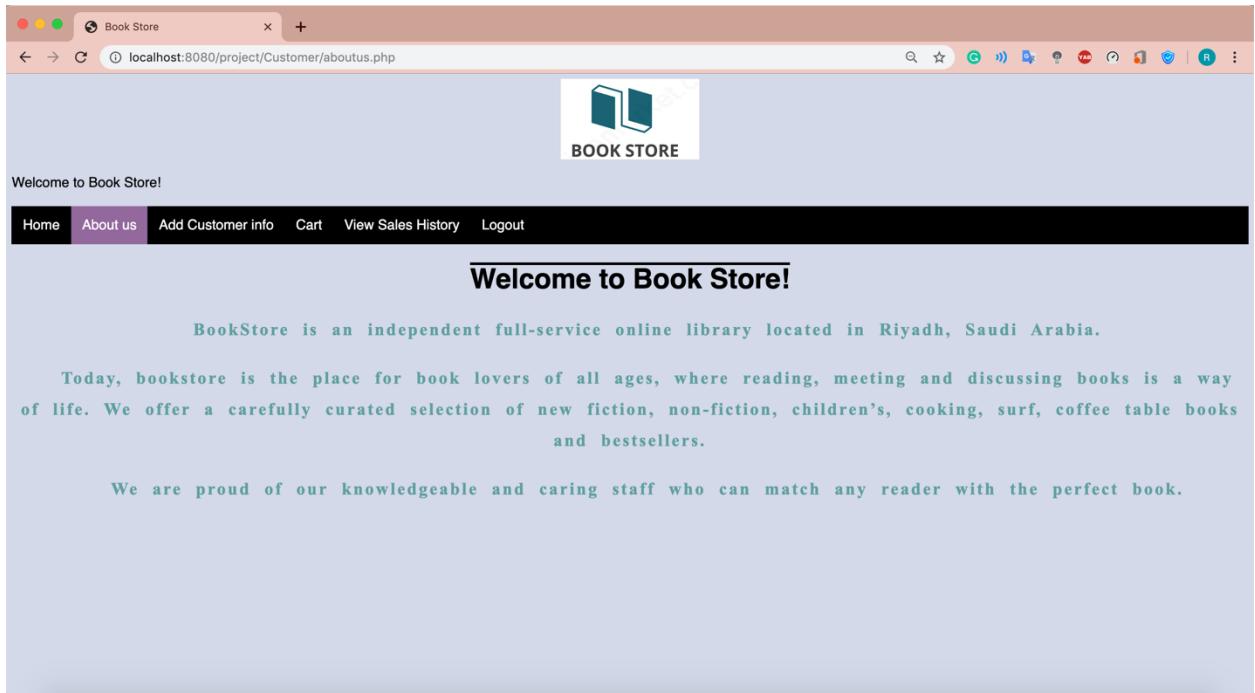
Then when customer press on login button his username and password will be stored in database and he will be redirected to home page



- **Customer Home page:** It contains welcoming message and available books .



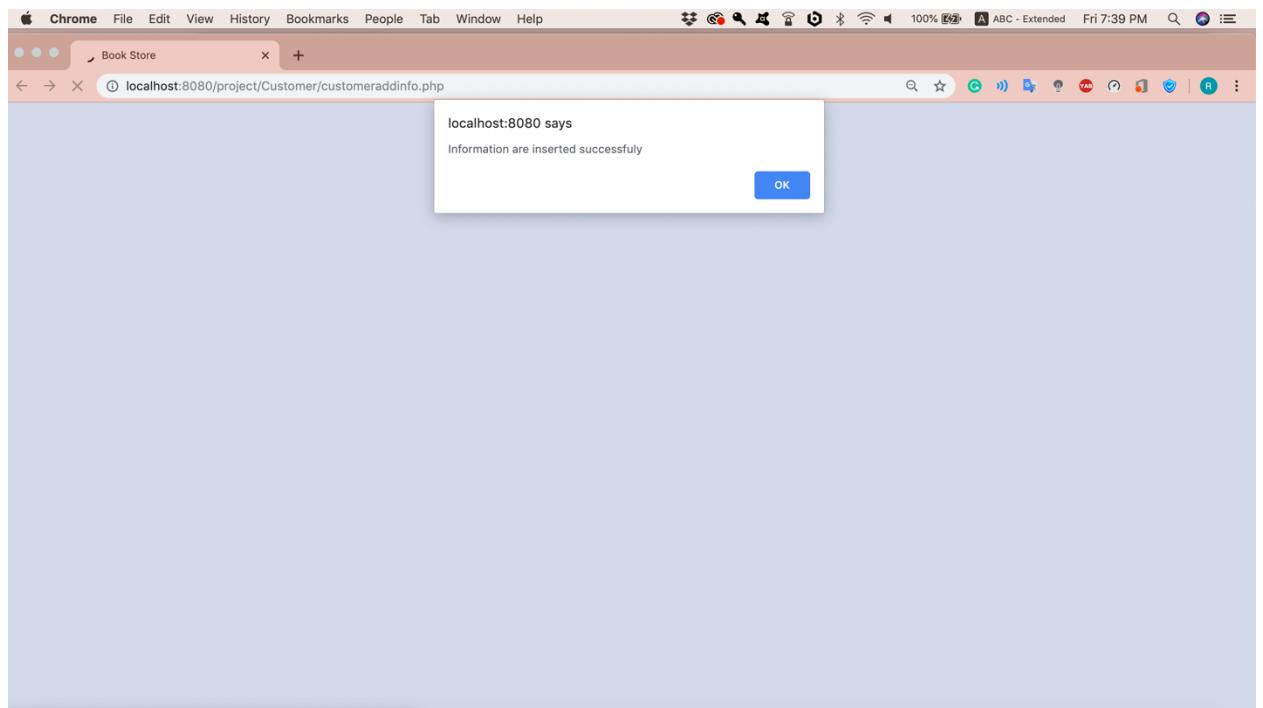
- **About us:** it contains information about the website.



- **Add Customer info:** it contains form for adding customer's information.

The screenshot shows a web browser window for 'Book Store' at 'localhost:8080/project/Customer/customeraddinfo.php'. The page features a logo with two blue books and the text 'BOOK STORE'. A header bar includes links for 'Home', 'About us' (highlighted in purple), 'Add Customer info' (highlighted in pink), 'Cart', 'View Sales History', and 'Logout'. The main content area has a title 'Add Customer Info' and a section titled 'Customer Information'. It contains three input fields: 'Customer name:' with value 'Ghada Fahad', 'Address:' with value 'ksa , riyadh', and 'Phone number:' with value '0565552911'. Below these fields are two buttons: 'Add Information' and 'reset Information'.

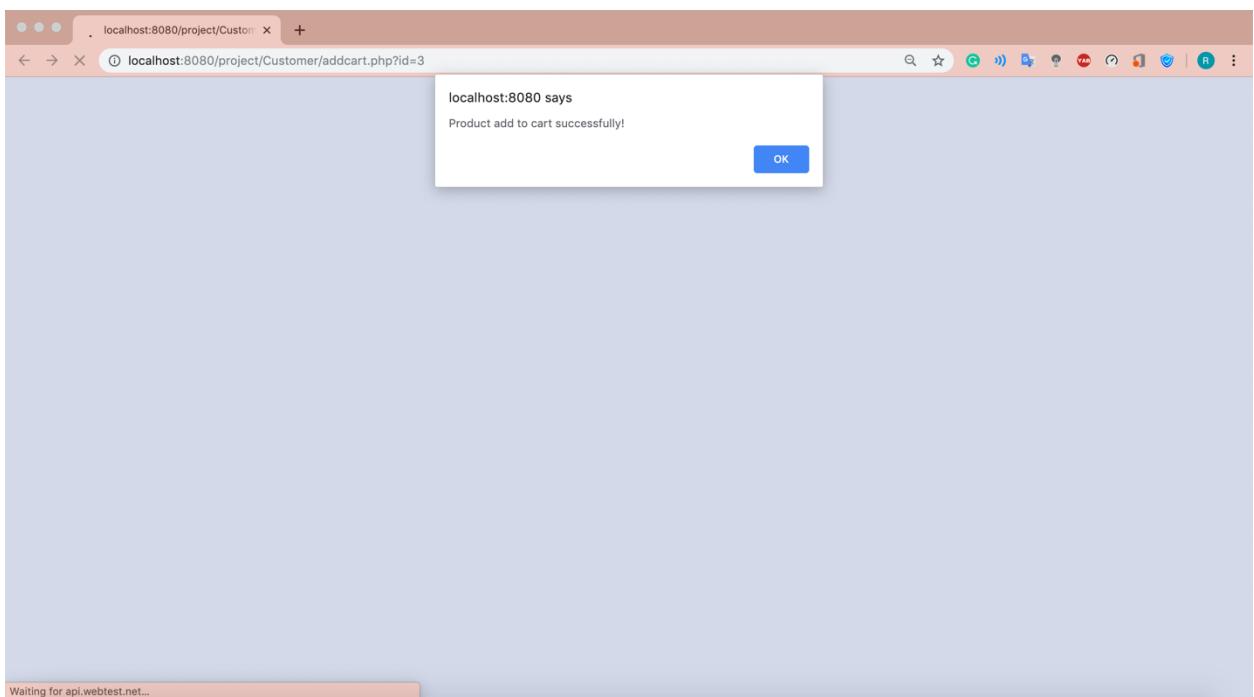
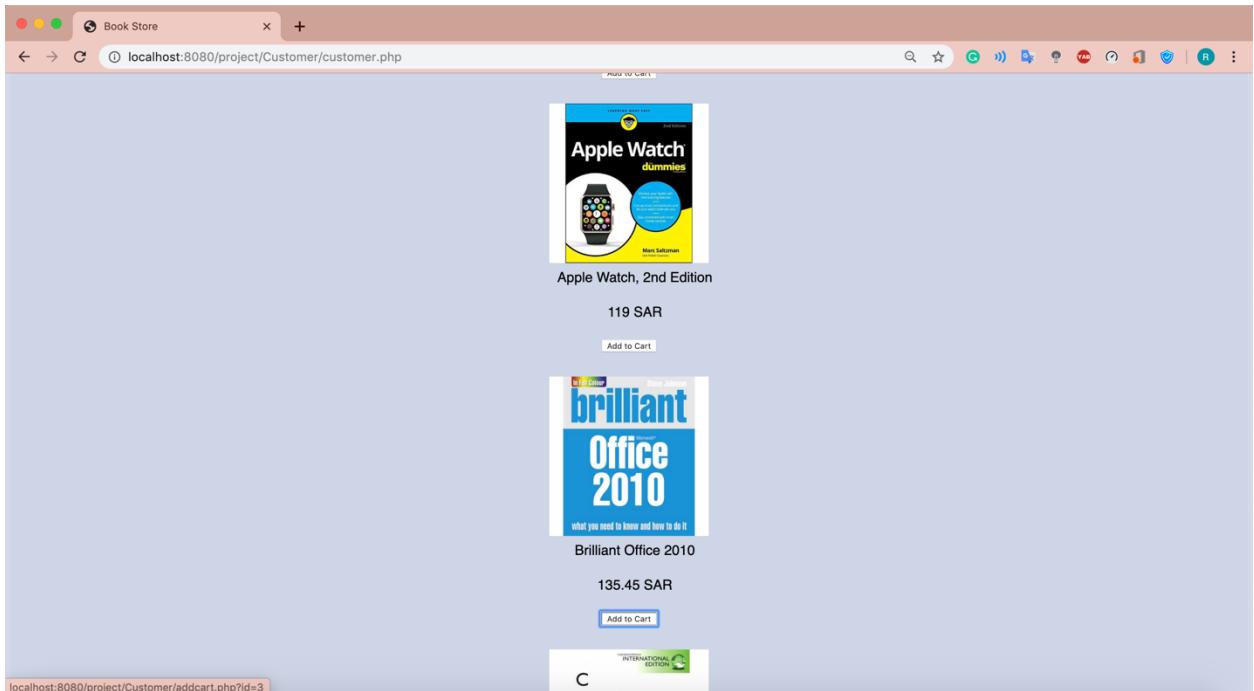
Clicking add information button



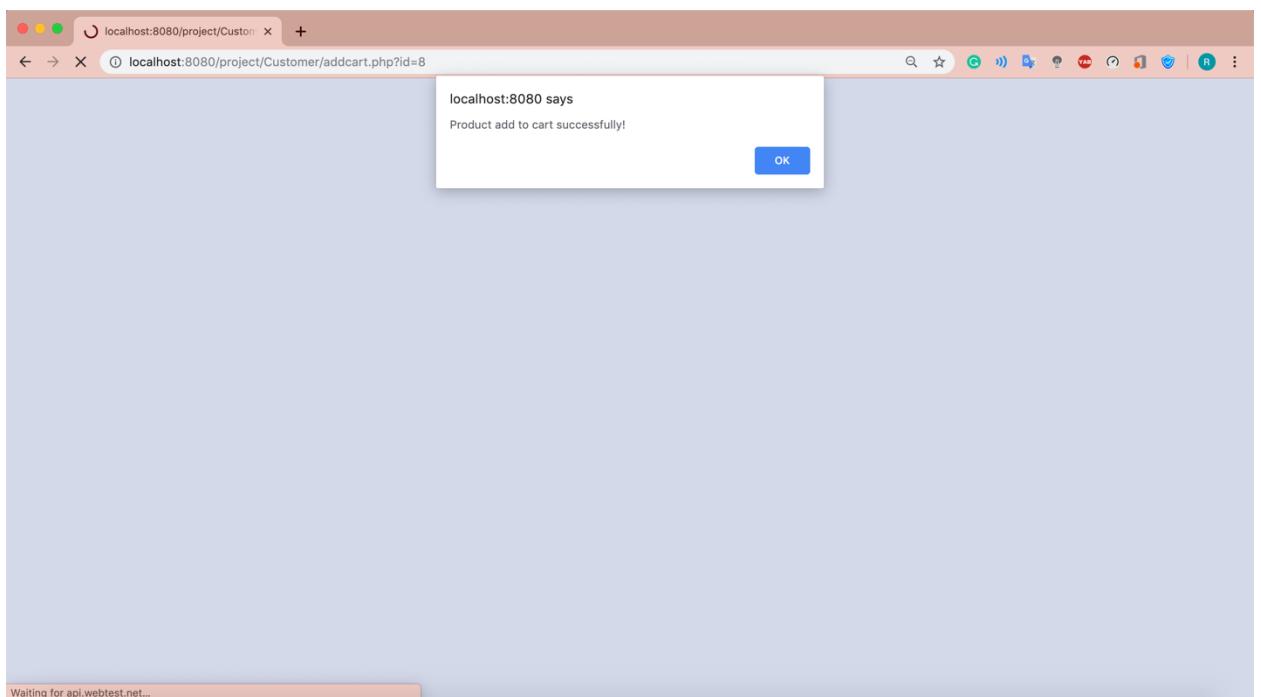
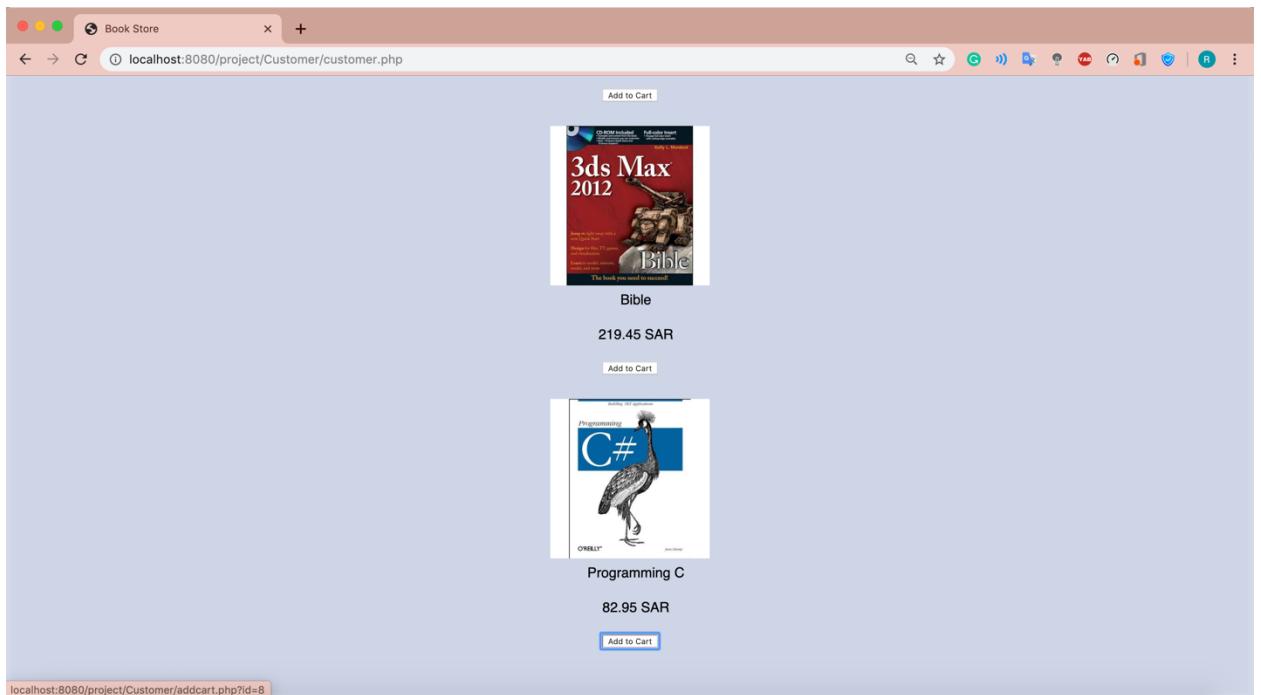
- **Cart page:** it contains books added on cart.

A screenshot of a web browser showing the "Book Store" website. The title bar says "Book Store". The address bar shows "localhost:8080/project/Customer/mycart.php". The page features a logo with two books and the text "BOOK STORE". Below it, a welcome message reads "Welcome to Book Store!". A navigation bar at the top includes links for "Home", "About us", "Add Customer info", "Cart", "View Sales History", and "Logout". The main content area is titled "Products" and displays a message "Your Cart is Empty". There is a table header with columns: "Product Name", "Product Id", "Price", "Quantity", and "Photo". A blue link labeled "Check out" is visible below the table.

Then customer can go back to home page and add books:



Adding another book:

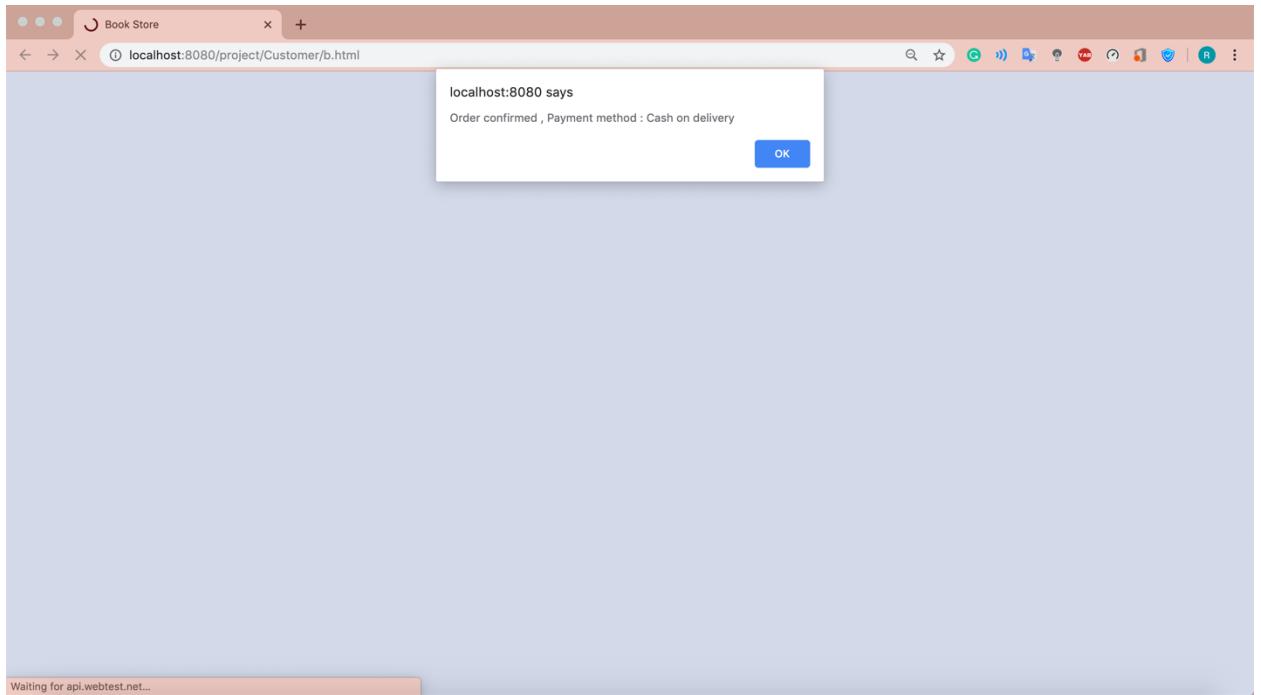


Then going to **Cart** page:

The screenshot shows a web browser window for a "Book Store" application. The URL in the address bar is `localhost:8080/project/Customer/mycart.php`. The page features a logo with two books and the text "BOOK STORE". A welcome message "Welcome to Book Store!" is displayed. A navigation menu at the top includes links for Home, About us, Add Customer info, Cart, View Sales History, and Logout. Below the menu, the word "Products" is centered. A table lists two items: "Brilliant Office 2010" (Product Id 3, Price 135.45, Quantity 1) and "Programming C" (Product Id 8, Price 82.95, Quantity 1). Each item has a small thumbnail image next to it. A blue "Check out" button is located below the table.

Checkout page:

The screenshot shows a web browser window for a "Book Store" application. The URL in the address bar is `localhost:8080/project/Customer/checkout.php`. The page features a logo with two books and the text "BOOK STORE". A welcome message "Welcome to Book Store!" is displayed. A navigation menu at the top includes links for Home, About us, Add Customer info, Cart, View Sales History, and Logout. Below the menu, the heading "Your bill information:" is centered. A table displays the purchase details: "Brilliant Office 2010" (Price 135.45, Qty 1, SubTotal 135.45), "Programming C" (Price 82.95, Qty 1, SubTotal 82.95), and a Grand Total of 218.40. Below the table, there is a row for "Payment method:" with three options: "Cash on delivery" and "Free". At the bottom of the page is a "Confirm Order" button. A status message at the very bottom of the screen says "localhost:8080/project/Customer/confirmOrder.php?id=218.40".

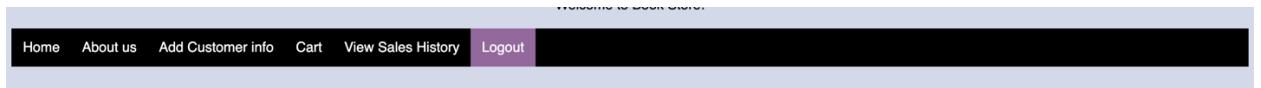


- **View Sales History:** it contains sales table.

A screenshot of a web browser window titled "Book Store". The address bar shows "localhost:8080/project/Customer/customersalesinfo.php". The page features a logo with two books and the text "BOOK STORE". Below the logo, a welcome message reads "Welcome to Book Store!". A navigation menu at the top includes links for "Home", "About us", "Add Customer info", "Cart", "View Sales History", and "Logout". The main content area is titled "Sales history" and displays a table with the following data:

Userid	Cutomer name	Address	Phone number	Sale Id	Sale Date	Total price
8	Ghada Fahad	ksa , riyadh	545552911	6	Fri, 06 Dec 2019 17:45:14 +0100	218.4

- **Log out:** redirect and go to home page again first click logout



Then it will go to home page.

Sign in'."/>

BOOK STORE

Welcome to Book Store System

Login page

—Login For Admin and Customer—

Username :

Password :

User Type : Admin Customer

login

reset

If you're not signed in? [Sign in](#)

- Future work:
- As an enhancement to our website, we may allow customers to post reviews about books. This will benefit other customers. Feedback will affect the ratings of the book online, especially for rare books, and will make for a unique interactive shopping experience that will attract other customers to the site. Moreover, we could add technical support conversation between admins and customers.

- Appendix:
- Code:
- **session.php page : to start a session for admin and user**

```
<?php
    session_start();
    $_SESSION['bookid'];
    $host = "localhost"; /* Host name */
    $user = "root"; /* User */
    $password = ""; /* Password */
    $dbname = "BookStore"; /* Database name */
    $con = new mysqli($host, $user, $password,$dbname);
    // Check connection
    if (!$con) { die("Connection failed: " . connect_error); }
    if (!isset($_SESSION['id']) ||(trim ($_SESSION['id']) == "")) {
        header('location:../index.php');
        exit();
    }
    $sql=mysqli_query($con,"select * from User where userid='". $_SESSION['id']."' ");
    $srow=mysqli_fetch_array($sql); $user=$srow['username'];
?
>
```

Index.html page : login for admin and customer form

```
<html><head><title>Book Store</title>
<link href="css/loginformstyle.css" rel="stylesheet">
<style>
body{text-align:center;}</style>
</head>
<body> <br/><br/> <div class="logo">

</div> <h1>Welcome to Book Store System</h1>
```

```

<h2>Login page</h2>
<form name="loginForm" method="POST" action="login.php">
  <fieldset> <legend>Login For Admin and Customer </legend>
  <div class="container">
    <label for="uname"><b>Username :</b></label>
    <input type="text" placeholder="Enter Username" name="username" required><br/><br/>
    <label for="psw"><b>Password :</b></label>
    <input type="password" placeholder="Enter password" name="password" required><br/><br/><br/>
    <label for="usertype"><b>User Type :</b></label> <input type="radio" name="usertype" value="Admin"> Admin
    <input type="radio" name="usertype" value="Customer"> Customer<br/><br/>
    <input type="submit" value="login"><br/><br/>
    <input type="reset" value="reset"><br/><br/>
    <p>If you're not signed in? <a href="signin.html">Sign in</a></p>
  </div></form></body></html>

```

login.php page : login for admin and customer php code

```

<?php session_start();
$host = "localhost"; /* Host name */
$user = "root"; /* User */
$password = ""; /* Password */
$dbname = "BookStore"; /* Database name */
$con = new mysqli($host, $user, $password,$dbname);
// Check connection
if (!$con) {die("Connection failed: " . connect_error);}
$username=$_POST["username"]; $password=$_POST["password"];
$usertype=$_POST["usertype"]; $logged_in=false;
$sql="SELECT * FROM User WHERE username='".$username' and
password='".$password' and usertype='".$usertype."'";

```

```

$result=$con->query($sql);
if($result->num_rows==1){
    $row=$result->fetch_assoc();
    $logged_in=true;
    if($row['usertype']=="Admin"){
        $_SESSION['id']=$row['userid'];
        header("location:Admin/admin.php"); }
    else if($row['usertype']=="Customer"){
        $_SESSION['id']=$row['userid']; ("location:Customer/customer.php"); } }
    if(!$logged_in){ echo 'Wrong information'; } ?>

```

signin.html page : signin for customer form

```

<html>
<head><title>Book Store</title>
<link href="css/loginformstyle.css" rel="stylesheet">
<style>body{text-align:center;}</style> </head>
<body> <br/><br/> <div class="logo"> 
</div> <h1>Welcome to Book Store System</h1><h1>Customer sign in page</h1>
<form name="SigninForm" method="POST" action="signin.php">
<fieldset> <legend>Sign in For Customer </legend> <div class="container">
<label for="uname"><b>Username :</b></label>
<input type="text" placeholder="Enter Username" name="username" required><br/><br/>
<label for="psw"><b>Password</b></label>
<input type="password" placeholder="Enter password" name="password" required><br/><br/><br/>
<input type="submit" value="login"><br/><br/> <input type="reset" value="reset"><br/><br/> </fieldset></form>
</body>
</html>

```

signin.php page : signin for customer php code

```
<?php
$host = "localhost"; /* Host name */
$user = "root"; /* User */
$password = ""; /* Password */
$dbname = "BookStore"; /* Database name */
$con = new mysqli($host, $user, $password,$dbname);
// Check connection
if (!$con) { die("Connection failed: " . connect_error); }
$username=$_POST["username"];
$password=$_POST["password"];
$usertype="Customer";
$sql="insert into User(username,password,usertype)
values('$username','$password','$usertype')";
if($con->query($sql)==TRUE){ ?>
<script type='text/javascript'>
alert("Sign is done correctly , you can log in now");
</script>
<?php header("location:index.html"); } else{?>
<script type='text/javascript'>
alert("Sign in have problem , try again");
</script> <?php }
$con->close();
?>
```

logout.php page : logout for admin and customer php code

```
<?php
header('location:index.html');
?>
```

Admin:

Admin home page : admin.php

<pre><?php include("adminnav.html"); include('session.php'); ?> <html><head> <title>Book Store</title> <style> body,h2,li{ text-align: center; } ul{ list-style-position: inside; align-content: center; margin: 5; border-style: outset; text-align: center; border-top-width: medium; border-bottom-width: medium; } tr:hover {background-color: #f5f5f5;} a:link { text-decoration: none; } a:visited { text-decoration: none; } a:hover { text-decoration: underline; } a:active { text-decoration: underline; } </style> </head> <body> <h1>Admin Page</h1> <h3> Welcome <?php \$Sql="select * from User where userId='".\$SESSION['id']."' "; \$result=\$con->query(\$Sql); if(\$result->num_rows>0){ while(\$row=\$result->fetch_assoc()){ </pre>	<pre>echo \$row['username']; }}></h3> <h2>Available Services for Admin:</h2> <table align='center' border="1" cellpadding="7" cellspacing="5"> <tr> <td> Home </td></tr> <tr> <td> View Customer info </td></tr> <tr> <td>Add Book </td></tr> <tr> <td> View Available Books </td></tr> <tr> <td> View Sales History </td></tr> <tr> <td> Logout</td></tr> </table> </body> <html></pre>
--	--

View Customer info page : customerinfo.php

```
<?php
include("adminnav.html");include('session.php');
?>
<html><head><title>Book Store</title>
<link href="../css/tablestyle.css"
rel="stylesheet">
<style>body {text-align:center; }
table{ text-align:center;}</style></head><body>
<br/><br/>
<h1>View Customers
Info</h1></body></html>
<?php
$host = "localhost"; /* Host name */
$user = "root"; /* User */
$password = ""; /* Password */
$dbname = "BookStore"; /* Database name */
$con = mysqli_connect($host, $user,
$password,$dbname);
// Check connection
if (!$con) { die("Connection failed: " .
connect_error);}
echo "<table
border='3'align='center'cellspacing='5'
cellpadding='7'>";
$sql="select * from User left join Customer on
Customer.userid=User.userid and
User.usertype='Customer'";
$result=$con->query($sql);
if($result->num_rows>0){
    echo "<tr><th>Customer Name</th>
<th>Customer Address Type</th>
<th>Customer Phone Number </th>
<th>username</th> </tr>";
    while($row=$result->fetch_assoc()){
        if($row['usertype']=="Customer"){
            echo "<tr>";
            echo "<td>".$row['name']."'</td>";
            echo "<td>".$row['address']."'</td>";
            echo "<td>".$row['number']."'</td>";
            echo "<td>".$row['username']."'</td>";
            echo "</tr>";
        }
    }
    echo "<br/><br/>";
    echo "</table>";
?>
```

Add Book form page : addProductForm.php

```
<?php include("adminnav.html"); ?>
<html><head><title>Book Store</title>
<link href="../css/formstyle.css" rel="stylesheet">
<style>body{text-align:center;}</style></head>
<body> <br/><br/> <h1>Add Book page</h1>
<form name="AddBookForm" method="POST" action="addproduct.php">
<fieldset> <legend >Book adding form</legend>
Book id : <input name="bookid" type="text"> <br/><br/>
Book name:<input name="bookname" type="text"> <br/><br/>
Book price: <input type="text" name="price"><br/><br/><br/><br/>
Book Picture URL : <input type="url" name="pic" id="picurl"
width="50%"><br/><br/><br/><br/>
<input type="submit" value="Add Book"><br/><br/>
<input type="reset" value="Reset"><br/><br/> </fieldset></form></body></html>
```

Add Book php: addproduct.php

<pre><?php \$host = "localhost"; /* Host name */ \$user = "root"; /* User */ \$password = ""; /* Password */ \$dbname = "BookStore"; /* Database name */ \$con = new mysqli(\$host, \$user, \$password,\$dbname); if (!\$con) {die("Connection failed: " . connect_error);} \$id = \$_POST["bookid"]; \$name=\$_POST["bookname"]; \$price=\$_POST["price"];</pre>	<pre>\$pict=\$_POST["pic"]; \$sql="insert into Book (id,name,price,pic)values('\$id','\$name','\$price','\$pict')"; if(\$con->query(\$sql)==TRUE){ ?> <script type='text/javascript'> alert("Book is added successfully"); window.history.back(); </script> <?php } else{ ?> <script type='text/javascript'> alert("Book is already added "); window.history.back();</script> <?php } \$con->close(); ?></pre>
--	---

View Available books page: viewbookinfo.php

<pre><?php include("adminnav.html"); include('session.php'); ?> <html> <head> <title>Book Store</title> <link href="../css/tablestyle.css" rel="stylesheet"> <style>body{text-align:center;}</style> </head> <body>

<h1>View Available Books Info</h1></body></html> <?php \$host = "localhost"; /* Host name */ \$user = "root"; /* User */ \$password = ""; /* Password */ \$dbname = "BookStore"; /* Database name */ \$con = mysqli_connect(\$host, \$user, \$password,\$dbname); // Check connection if (!\$con) { die("Connection failed: " . connect_error); } echo "<table border='3' align='center' cellspacing='5' cellpadding='7">"; \$sql="select * from Book";</pre>	<pre>\$result=\$con->query(\$sql); if(\$result->num_rows>0){ echo "<tr><th> Name</th> <th>Id</th> <th>Price </th> <th>Picture</th> </tr>"; while(\$row=\$result->fetch_assoc()){ echo "<tr>"; echo "<td>".\$row['name']."</td>"; echo "<td>".\$row['id']."</td>"; echo "<td>".\$row['price']."</td>"; ?> <td><img src=<?php echo \$row['pic'];?>" height="150px" width="150px;"></td> <?php echo "</tr>"; } } echo "

"; echo "</table>"; ?></pre>
--	---

View History of sales page: salesinfo.php

<pre><?php include("adminnav.html"); include('session.php'); ?> <html> <head> <title>Book Store</title> <link href="../css/tablestyle.css" rel="stylesheet"> <style>body { text-align:center; } </style></head> <body>

<h1>History of sales</h1></body></html> <?php \$host = "localhost"; /* Host name */ \$user = "root"; /* User */ \$password = ""; /* Password */ \$dbname = "BookStore"; /* Database name */ \$con = mysqli_connect(\$host, \$user, \$password,\$dbname); // Check connection if (!\$con) { die("Connection failed: " . connect_error); echo "<table border='3'align='center'cellspacing='5' cellpadding='7'>"; </pre>	<pre>\$sql="select * from Sales left join Customer on Customer.userid=Sales.userid"; \$result=\$con->query(\$sql); if(\$result->num_rows>0){ echo "<h1> Sales history</h1>"; echo "<tr><th> Userid</th> <th>Cutomer name </th> <th>Address</th> <th>Phone number</th><th>Sale Id</th> <th>Sale Date</th><th>Total price</th> </tr>"; while(\$row=\$result->fetch_assoc()){ echo "<tr>"; echo "<td>".\$row['userid']."'</td>"; echo "<td>".\$row['name']."'</td>"; echo "<td>".\$row['address']."'</td>"; echo "<td>".\$row['number']."'</td>"; echo "<td>".\$row['saleid']."'</td>"; echo "<td>".\$row['saledate']."'</td>"; echo "<td>".\$row['totalprice']."'</td>"; echo "</tr>"; } } echo "

"; echo "</table>"; ?></pre>
--	--

Admin navigation code: adminnav.html

```
<html>

<head> <title>Book Store</title><link href="../css/navstyle.css" rel="stylesheet"> </head>

<body> <header id="header"><div class="logo">

</div> <br/> <aside>Welcome to Book Store!</aside>

<nav role="navigation" style="margin-bottom: 0">
<ul><li> <a href="admin.php">Home </a> </li>
    <li> <a href="customerinfo.php">View Customer info </a> </li>
    <li> <a href="addProductForm.php">Add Book </a> </li>
    <li> <a href="viewbookinfo.php">View Available Books </a> </li>
    <li> <a href="salesinfo.php">View Sales History </a> </li>
    <li> <a href="../logout.php">Logout</a></li>
</ul> </nav> </body>

<html>
```

Customer:

Customer home page : customer.php

<pre><?php include('session.php'); include('customernav.html'); ?> <html lang="en"><head> <title>Book Store</title> <link href="../css/style1.css" rel="stylesheet"> </head> <body> <div class="container"> <div style="height: 80px;"></div><div> <?php \$host = "localhost"; \$user = "root"; \$password = ""; \$dbname = "BookStore"; \$con = new mysqli(\$host, \$user, \$password,\$dbname); if (!\$con) { die("Connection failed: " . connect_error); } echo "<h3> Welcome "; \$sql="select * from User where userid='". \$_SESSION['id']."' "; \$result=\$con->query(\$sql); if(\$result->num_rows>0){ while(\$row=\$result->fetch_assoc()){ echo \$row['username']; } } echo " !</h3>"; \$inc=4; \$query=mysqli_query(\$con,"select * from Book"); while(\$row=mysqli_fetch_array(\$query)){ \$inc = (\$inc == 4) ? 1 : \$inc+1;</pre>	<pre>if(\$inc == 1) echo "<div>"; ?> <div class="col-lg-3" align='center'> <div><img src="<?php echo \$row['pic']; ?>" alt="book image" style="width: 230px; height:230px; padding:auto; margin:auto;"> <div style="height: 10px;"></div> <div style="height:40px; width:230px; margin- left:17px;"><?php echo \$row['name']; ?></div> <div style="height: 10px;"></div> <div style="height:40px; width:230px; margin- left:17px;"><?php echo \$row['price']." SAR"; ?></div> <div style="height: 10px;"></div> <div style="margin-left:17px; margin-right:17px; padding-bottom:20px;"> <a href="addcart.php<?php echo '?id='.\$row['id']; ?>"> <button type="button" > Add to Cart</button> </div></div></div> <?php if(\$inc == 4) echo "</div><div style='height: 30px;'></div>"; } if(\$inc == 1) echo "<div class='col-lg-3'></div><div class='col-lg-3'></div><div class='col-lg- 3'></div></div>"; if(\$inc == 2) echo "<div class='col-lg-3'></div><div class='col-lg-3'></div></div>"; if(\$inc == 3) echo "<div class='col-lg-3'></div></div>"; ?> </div></body> </html></pre>
---	--

About us page : aboutus.php

<pre><?php include('session.php'); include('customernav.html'); ?> <html> <head> <title>Book Store</title> <link href="../css/navstyle.css" rel="stylesheet"> <style> p {color: #5F9EA0; text-indent: 50px; text-align: center; letter-spacing: 3px; line- height: 1.8; word-spacing: 10px; font-family: "Times New Roman", Times, serif; font-size: 25px; font-weight: bold;} h1 {text-decoration: overline;} h2 { text-decoration: line-through;} h3 { text-decoration: underline;} </style> </head> <body> <h1 align='center'>Welcome to Book Store!</h1> <p>BookStore is an independent full-service online library located in Riyadh, Saudi Arabia.</p></pre>	<p><p>Today, bookstore is the place for book lovers of all ages, where reading, meeting and discussing books is a way of life. We offer a carefully curated selection of new fiction, non-fiction, children's, cooking, surf, coffee table books and bestsellers. </p></p> <p><p>We are proud of our knowledgeable and caring staff who can match any reader with the perfect book. </p></p> <p></body></p> <p><html></p>
--	---

Customer add information php: customeraddinfo.php

<pre><?php include("customernav.html"); ?> <html><head><title>Book Store</title> <link href="../css/formstyle.css" rel="stylesheet"> <style> body{text-align:center; } </style></head> <body> <h1>Add Customer Info</h1> <form name="CustomerInfo" method="POST" action="customeraddinfo.php"> <fieldset><legend>Customer Information</legend> Customer name: <input type="text" name="customer">

 Address: <input type="text" name="address">

 Phone number: <input type="text" name="phone">

 <input type="submit" value="Add Information">

 <input type="reset" value="reset Information">

 </fieldset></form>

</body></html> <?php include('session.php'); \$host = "localhost"; \$user = "root"; \$password = ""; \$dbname = "BookStore";</pre>	<pre>\$con = new mysqli(\$host, \$user, \$password,\$dbname); if (!\$con) { die("Connection failed: " . connect_error); } \$sql="select * from Customer where userid='". \$_SESSION['id']."'"; \$result=\$con->query(\$sql); if(\$result->num_rows==1){ header("location:a.html"); } else{ \$userid=\$_SESSION['id']; \$name=\$_POST["customer"]; \$address=\$_POST["address"]; \$phone=\$_POST["phone"]; \$usertype="Customer"; \$sql2="insert into Customer (userid, name, address,number) values ('\$userid' ,'\$name' ,'\$address','\$phone')"; if(\$con->query(\$sql2)==TRUE){ ?> <script type='text/javascript'> alert("Information are inserted successfully");window.history.back(); </script> <?php } else{?> <script type='text/javascript'> alert("Insertion have problem , try again"); </script> <?php } } \$con->close(); ?></pre>
---	---

Cart page: mycart.php

<pre><?php include('session.php'); include('customernav.html'); \$host = "localhost"; \$user = "root"; \$password = ""; \$dbname = "BookStore"; \$ccon = new mysqli(\$host, \$user, \$password,\$dbname); if (!\$ccon) { die("Connection failed: " . connect_error);} ?> <html> <head> <title>Book Store</title> <link href="../css/tablestyle.css" rel="stylesheet"> <style>body {text-align:center;} </style> </head> <body><h1>Products</h1> <table width="50%" align="center" border='3'> <thead> <tr><th>Product Name</th> <th>ProductId</th> <th>Price</th> <th>Quantity</th> <th>Photo</th> </tr></thead><tbody> <?php \$query=mysqli_query(\$con,"select * from Cart left join Book on Book.id=Cart.bookid where userid='".\$SESSION['id']."'");</pre>	<pre>if (mysqli_num_rows(\$query)==0){ echo "Your Cart is Empty

" } else{ while(\$row=mysqli_fetch_array(\$query)){ ?> <tr><td><?php echo \$row['name']; ?> </td><td> <?php echo \$row['id']; ?> </td> <td><?php echo \$row['price']; ?> </td><td> <?php echo \$row['qty']; ?></td> <td><img src=<?php echo \$row['pic'];?>" height="100px" width="100px;"></td> </td> </tr> <?php } } ?> </tbody> </table>
 Check out </body> </html></pre>
---	---

Checkout page: checkout.php

<pre><?php include('session.php'); include('customernav.html'); \$host= "localhost"; \$user= "root"; \$password = ""; \$dbname = "BookStore"; \$con = new mysqli(\$host, \$user, \$password,\$dbname); if (!\$con) { die("Connection failed: " . connect_error); } ?> <html> <head><title>Book Store</title> <link href="../css/tablestyle.css" rel="stylesheet"> <style> body{text-align: center; } </style></head><body><h1> Your bill information:</h1> <table width="50%" border='3' align='center'>

<tr><thead> <th>Product Name</th> <th>Product Price</th> <th>Purchase Qty</th> <th>SubTotal</th> </thead> </tr><tbody><form method="POST" action=""><?php \$total=0; \$query=mysqli_query(\$con,"select * from Cart left join Book on Book.id=Cart.bookid where userid='".\$SESSION['id']."'"); while(\$row=mysqli_fetch_array(\$query)) { ?></pre>	<pre><tr><td><?php echo \$row['name']; ?></td><td align="right"><?php echo number_format(\$row['price'],2); ?></td><td><?php echo \$row['qty'];?></td> <td align="right"><?php \$subtotal=\$row['qty']*\$row['price']; echo number_format(\$subtotal,2); \$total+=\$subtotal;?> </td></tr> <?php } ?> <tr> <td colspan="3">Grand Total</td> <td align="right"><?php echo number_format(\$total,2); ?></td></tr></form> </tbody></table>

 <table width="50%" border='3' align='center'> <tr><th>Payment method:</th><td>Cash on delivery</td><td> Free</td> </tr></table>

<hr/>

 <?php echo ?id=.number_format(\$total,2); ?>"> Confirm Order ?> </body> </html> <?php \$con->close(); ?></pre>
---	---

Confirm order page: confirmOrder.php. b.html to print bill:

<pre> <?php include('session.php'); include('customernav.html'); \$host = "localhost"; \$user = "root"; \$password = ""; \$dbname = "BookStore"; \$con = new mysqli(\$host, \$user, \$password,\$dbname); // Check connection if (!\$con) { die("Connection failed: " . connect_error); } \$total=\$_GET['id']; \$now = new DateTime(); \$now->format('Y-m-d H:i:s'); \$string = \$now->format(DATE_RFC2822); \$sql="insert into Sales(userid,saledate,totalprice)values ('".\$_SESSION['id']."' ,'\$string','\$total') "; if(\$con->query(\$sql)===TRUE){ \$sql2="delete from Cart where userid='".\$_SESSION['id']."' ; if(\$con->query(\$sql2)===TRUE){ header("Location:b.html"); } else { echo "Error in sql"; } } ?> </pre>	<pre> <?php include("customernav.html"); ?> <html> <head> <title>Book Store</title> <style> body{ text-align:center; } </style> </head> <body> <script type='text/javascript'> var bill = "Order confirmed , Payment method : Cash on delivery "; alert(bill); window.history.back(); </script> </body> </html> </pre>
---	--

Customer sales info page : customersalesinfo.php

```
<?php
include("customernav.html");include('session.php');
?>
<html>
<head>
<title>Book Store</title>
<link href="../css/tablestyle.css" rel="stylesheet">
<style>
body{
text-align:center;
}
</style>
</head>
<body>
<br/><br/>
</body>
</html>
<?php
$host = "localhost";
$user = "root";
$password = "";
$dbname = "BookStore";
$con = mysqli_connect($host, $user,
$password,$dbname);
if (!$con) {
die("Connection failed: " . connect_error);
echo "<table border='3'align='center'cellspacing='5'
cellpadding='7'>";
$sql="select * from Sales left join Customer on
Sales.userid=Customer.userid where
Customer.userid='".$SESSION['id']."' ";
$result=$con->query($sql);
if($result->num_rows>0){
echo "<h1> Sales history</h1>";
echo "<tr><th> Userid</th>
<th>Customer name </th>
<th>Address</th><th>Phone
number</th><th>Sale Id</th> <th>Sale
Date</th><th>Total price</th> </tr>";
while($row=$result->fetch_assoc()){
echo "<tr>";
echo "<td>".$row['userid']."'</td>";
echo "<td>".$row['name']."'</td>";
echo "<td>".$row['address']."'</td>";
echo "<td>".$row['number']."'</td>";
echo "<td>".$row['saleid']."'</td>";
echo "<td>".$row['saledate']."'</td>";
echo "<td>".$row['totalprice']."'</td>";
echo "</tr>";
}
}
else {
echo "<br/><br/>";
echo "No sales history!";}
echo "<br/><br/>";
echo "</table>";
?>
```

Customer navigation code: customernav.html

<pre><html> <head> <title>Book Store</title> <link href="../css/navstyle.css" rel="stylesheet"> </head> <body> <header id="header"> <div class="logo"> </div>
 <aside>Welcome to Book Store! </aside>
 <nav role="navigation" style="margin-bottom: 0"> Home About us Add Customer info Cart </pre>	<pre> View Sales History Logout </u></header> </body> <html></pre>
--	--

CSS code: formstyle.css

<pre>#picurl{ width: 50%; padding: 12px 20px; margin: 8px 0; display: inline-block; border: 1px solid #ccc; box-sizing: border-box; } label { padding: 12px 12px 12px 0; display: inline-block; } html{ text-align:center; } textarea ,input[type=text] , input[type=password] , input[type=url]{ width: 50%; height: 50px; padding: 12px 20px; box-sizing: border-box; border: 2px solid #ccc; border-radius: 4px; background-color: #f8f8f8; resize: none; } input[type=button], input[type=submit],</pre>	<pre>input[type=reset] { background-color:rgb(0, 0, 0); border: none; color: white; padding: 16px 32px; text-decoration: none; margin: 4px 2px; cursor: pointer; } legend{ text-align: left; }</pre>
--	---

CSS code: loginformstyle.css

html { text-align:center; } input[type=text], input[type=password] { width: 50%; padding: 12px 20px; margin: 8px 0; display: inline-block; border: 1px solid #ccc; box-sizing: border-box; } button { background-color: #4CAF50; color: white; padding: 14px 20px; margin: 8px 0; border: none; cursor: pointer; width: 100%; } button:hover { opacity: 0.8; } .cancelbtn { width: auto; padding: 10px 18px; background-color: #f44336; }	img.avatar { width: 40%; border-radius: 50%; } .container {padding: 16px;} span.psw { float: right; padding-top: 16px; } @media screen and (max-width: 300px) { span.psw { display: block; float: none; } .cancelbtn {width: 100%;} input[type=button], input[type=submit], input[type=reset] { background-color:rgb(0, 0, 0); border: none; color: white; padding: 16px 32px; text-decoration: none; margin: 4px 2px; cursor: pointer;} legend{text-align: left;} label {padding: 12px 12px 12px 0; display: inline-block;} .logo{ text-align: center;} a {color: blue;}
--	---

CSS code: navstyle.css

```
html{  
    font-family:sans-serif;  
    font-size: 20px;  
    background-color:rgb(211, 217, 233);  
}  
  
ul {  
    text-align: center;  
    list-style-type: none;  
    margin: 0;  
    padding: 0;  
    overflow: hidden;  
    background-color: rgb(0, 0, 0);  
    font-size: 20px;  
}  
  
nav{  
    text-align: center;  
    font-size: 20px;  
}  
  
li {  
    float: left;  
    font-size: 20px;  
}  
  
li a {  
    display: block;  
    color: white;  
    text-align: center;  
    padding: 16px 16px;  
    text-decoration: none;  
    font-size: 20px;  
}  
  
li a:hover {  
    background-color: rgb(146, 104, 157);  
    font-size: 20px;  
}  
  
.logo{  
    text-align: center;  
}
```

CSS code: style1.css

```
.col-lg-3{  
    position: relative;  
    min-height:1px;  
    padding-right:15px;  
    padding-left:15px;  
    padding-bottom:15px;  
}  
  
.container{  
    padding-right:15px  
    ;padding-left:15px;  
    margin-right:auto;  
    margin-left:auto;}  
  
body{  
    background-color: rgb(206, 213, 230);  
}  
  
img{border:0;}
```

CSS code: tablestyle.css

```
tr:hover {background-color: #f5f5f5;}  
  
table{  
    text-align:center;  
    cellpadding:10px;  
    cellspacing:5px;  
}
```