

# Term Project

CMPS 294-01, Assignment 6: Term Project

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## styles.css

```
/* Style html */

body {

    background-color: black;

    color: white;

    display: flex;

    flex-direction: row;

    justify-content: center;

    padding: 0px;

    margin: 0px;

}

/* Style basic anchor tags */

a {

    text-decoration: none;

    color: white;

}

/* Style page container*/

.container {

    display: flex;

    flex-direction: column;

    width: 100%;

}
```

```
/* Style main nav bar */

.nav-bar {

    display: flex;

    flex-direction: row;

    justify-content: space-around;

    align-items: center;

    border-bottom: 1px solid white;

}

/* Style team logo */

.logo {

    display: flex;

    flex-direction: row;

    align-items: end;

}

.logo img {

    height: 100px;

}

/* Style table container */

.table-container {

    margin-top: 50px;
```

```
display: flex;

flex-direction: row;

justify-content: center;
}

/* Style book table */

table,

th,

td {

border: 0.5px solid white;

border-collapse: collapse;

color: black;

}

th,

td {

background-color: #67dbdb;

}

/* Style cart buttons */

a.add {

background-color: green;

color: white;

}
```

```
a.remove {  
  
    background-color: red;  
  
    color: white;  
  
}  
  
/* Style banner */  
  
.banner {  
  
    display: flex;  
  
    justify-content: center;  
  
    align-items: center;  
  
    background-color: green;  
  
    height: 30px;  
  
}
```

## book-listing.php

```
<?php

// Set cookie if it does not exist

$cookie_name = "userCookie";

$cookie_value = ceil(time() % 1000000);

if (!isset($_COOKIE[$cookie_name])) {

    setcookie($cookie_name, $cookie_value);

} else {

    $cookie_value = $_COOKIE[$cookie_name];

}

?>

<!DOCTYPE html>

<html>

<head>

    <meta charset="UTF-8" />

    <title>Home Page</title>

    <link rel="stylesheet" href="styles.css" />

    <link rel="icon" type="image/x-icon" href="logo.ico">

</head>

<body>

    <div class="container">
```

```
<?php

// Database variables

$servername = "localhost";

$username = "id20669844_294termproject";

$password = "[*5GJhmoT&4n(+uH";

$dbname = "id20669844_committedlamp";


// Create connection

$conn = new mysqli($servername, $username, $password, $dbname);


// Check connection

if ($conn->connect_error) {

    die("Connection failed: " . $conn->connect_error);

}


if (isset($_GET["ISBN"])) {

    // Execute query

    $id = ceil(time() % 1000000);

    $book_isbn = $_GET["ISBN"];

    $sql = "INSERT INTO `Carts` (`Id`, `User_Cookie`, `Book_ISBN`)
VALUES ('$id', '$cookie_value', '$book_isbn')";

    $result = $conn->query($sql);


    // Display banner if successful
```

```
        if ($result === TRUE) {

            echo "<div class=\"banner\"><h3>Book added to cart
successfully!</h3></div>";

        } else {

            echo "Error: " . $sql . "<br>" . $conn->error;

        }

    }

?>

<div class="logo">

    <h3>Exploding Cat Productions</h3>

</div>

<div class="nav-bar">

    <h1>Book Listing</h1>

    <a href="cart-listing.php">My Cart</a>

</div>

<div class="table-container">

    <table>

        <thead>

            <tr>

                <th>Title</th>

                <th>Author</th>

                <th>ISBN</th>

                <th>Publisher</th>
```



```
<th>Year</th>

<th></th>

</tr>

</thead>

<?php

// Execute query

$sql = "SELECT Title, Author, ISBN, Publisher, Year FROM
Inventory";

$result = $conn->query($sql);

//Print the output data of each row

echo "<tbody>";

while ($row = $result->fetch_assoc()) {

    $book_isbn = "";

    echo "<tr>";

    foreach ($row as $key => $value) {

        if ($key === "ISBN") {

            $book_isbn = $value;

        }

        echo "<td>$value</td>";

    }

}
```

```
        echo "<td>

                <a class=\"add\"
href=\"book-listing.php?ISBN=$book_isbn\"> Add to Cart </a>

                </td>";

        echo "</tr>";

    }

    echo "</tbody>";

    // Close connection

    $conn->close();

    ?>

</table>

</div>

</div>

</body>

</html>
```

## cart-listing.php

```
<?php

// Set cookie if it does not exist

$cookie_name = "userCookie";

$cookie_value = ceil(time() % 1000000);

if (!isset($_COOKIE[$cookie_name])) {

    setcookie($cookie_name, $cookie_value);

} else {

    $cookie_value = $_COOKIE[$cookie_name];

}

?>

<!DOCTYPE html>

<html>

<head>

    <meta charset="UTF-8" />

    <title>My Cart</title>

    <link rel="stylesheet" href="styles.css" />

    <link rel="icon" type="image/x-icon" href="logo.ico">

</head>

<body>

    <div class="container">
```

```
<?php

// Database variables

$servername = "localhost";

$username = "id20669844_294termproject";

$password = " [*5GJhmoT&4n(+uH";

$dbname = "id20669844_committedlamp";


// Create connection

$conn = new mysqli($servername, $username, $password, $dbname);


// Check connection

if ($conn->connect_error) {

    die("Connection failed: " . $conn->connect_error);

}


if (isset($_GET["ISBN"])) {

    $book_isbn = $_GET["ISBN"];


    // Execute query

    $sql = "DELETE FROM Carts WHERE Book_ISBN = $book_isbn LIMIT 1";

    $result = $conn->query($sql);


    // Display banner if successful

    if ($result === TRUE) {
```

```
        echo "<div class=\"banner\"><h3> Book Removed From  
Cart</h3></div>";  
  
    } else {  
  
        echo "Error: " . $sql . "<br>" . $conn->error;  
  
    }  
  
}  
  
?>  
  
<div class="logo">  
  
      
  
    <h3>Exploding Cat Productions</h3>  
  
</div>  
  
<div class="nav-bar">  
  
    <h1>Shopping Cart</h1>  
  
    <a href="book-listing.php">Back to Listing</a>  
  
</div>  
  
<div class="table-container">  
  
    <table>  
  
        <thead>  
  
            <tr>  
  
                <th>Title</th>  
  
                <th>Author</th>  
  
                <th>ISBN</th>  
  
                <th>Publisher</th>  
  
                <th>Year</th>
```

```
        <td></td>

    </tr>

</thead>

<?php

    // Execute query

    $sql = "SELECT Title, Author, ISBN, Publisher, Year FROM Carts
INNER JOIN Inventory ON Book_ISBN = ISBN

        WHERE User_Cookie = $cookie_value";

    $result = $conn->query($sql);

    //Print the output data of each row

    echo "<tbody>";

    while ($row = $result->fetch_assoc()) {

        $book_isbn = "";

        echo "<tr>";

        foreach ($row as $key => $value) {

            if ($key === "ISBN") {

                $book_isbn = $value;

            }

            echo "<td>$value</td>";

        }

    }
```

```
        echo "<td>

                <a class=\"remove\"
href=\"cart-listing.php?ISBN=$book_isbn\">Remove From Cart</a>

                </td>";

        echo "</tr>";

    }

    echo "</tbody>";

    // Close connection

    $conn->close();

    ?>

</table>

</div>

</div>

</body>

</html>
```

## Website Link

<https://committed-lamp.000webhostapp.com/Assignment6/book-listing.php>

## My Contributions

I added the logic for checking for a user's cookie and for displaying the list of books from the Inventory Table and from the Carts table.

## Initial Book Listing Page


**Exploding Cat Productions**


**Book Listing**
My Cart

Title	Author	ISBN	Publisher	Year
The Code Master	Timothy	139398072	Scholastic	2023 <a href="#">Add to Cart</a>
The Great Gatsby	Fitzgerald F Scott	183343124	Signet	2021 <a href="#">Add to Cart</a>
Don Quixote	De Cervantes	202159454	Penguin Classics	2003 <a href="#">Add to Cart</a>
Picassos Work	Chase	236328571	Scholastic	2023 <a href="#">Add to Cart</a>
The Hobbit	J. R. R. Tolkien	346800720	Houghton Mifflin	2012 <a href="#">Add to Cart</a>
The Wonder	Donoghue Emma	355271788	Back Bay Books	2017 <a href="#">Add to Cart</a>
Harry Potter	Rowling, J.K.	439358078	Scholastic	2004 <a href="#">Add to Cart</a>
Wuthering Heights	Emily Brontë	534331041	Wordsworth Editions	2019 <a href="#">Add to Cart</a>
Mrs. K	Autumn	637318527	SELU	2023 <a href="#">Add to Cart</a>
Trust	Diaz Herman	900221843	Riverhead Books	2023 <a href="#">Add to Cart</a>

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## Initial Cart Listing Page

 Exploding Cat Productions

Shopping Cart

Back to Listing

Title	Author	ISBN	Publisher	Year
-------	--------	------	-----------	------

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## Demo: Adding a book to cart

Explosion Cat Productions

Book added to cart successfully!


### Book Listing

[My Cart](#)

Title	Author	ISBN	Publisher	Year
The Code Master	Timothy	139398072	Scholastic	2023 <a href="#">Add to Cart</a>
The Great Gatsby	Fitzgerald F Scott	183343124	Signet	2021 <a href="#">Add to Cart</a>
Don Quixote	De Cervantes	202159454	Penguin Classics	2003 <a href="#">Add to Cart</a>
Picassos Work	Chase	236328571	Scholastic	2023 <a href="#">Add to Cart</a>
The Hobbit	J. R. R. Tolkien	346800720	Houghton Mifflin	2012 <a href="#">Add to Cart</a>
The Wonder	Donoghue Emma	355271788	Back Bay Books	2017 <a href="#">Add to Cart</a>
Harry Potter	Rowling, J.K.	439358078	Scholastic	2004 <a href="#">Add to Cart</a>
Wuthering Heights	Emily Brontë	534331041	Wordsworth Editions	2019 <a href="#">Add to Cart</a>
Mrs. K	Autumn	637318527	SELU	2023 <a href="#">Add to Cart</a>
Trust	Diaz Hernan	900221843	Riverhead Books	2023 <a href="#">Add to Cart</a>

<https://committed-lamp.000webhostapp.com/Assignment6/book-listing.php?ISBN=139398072>

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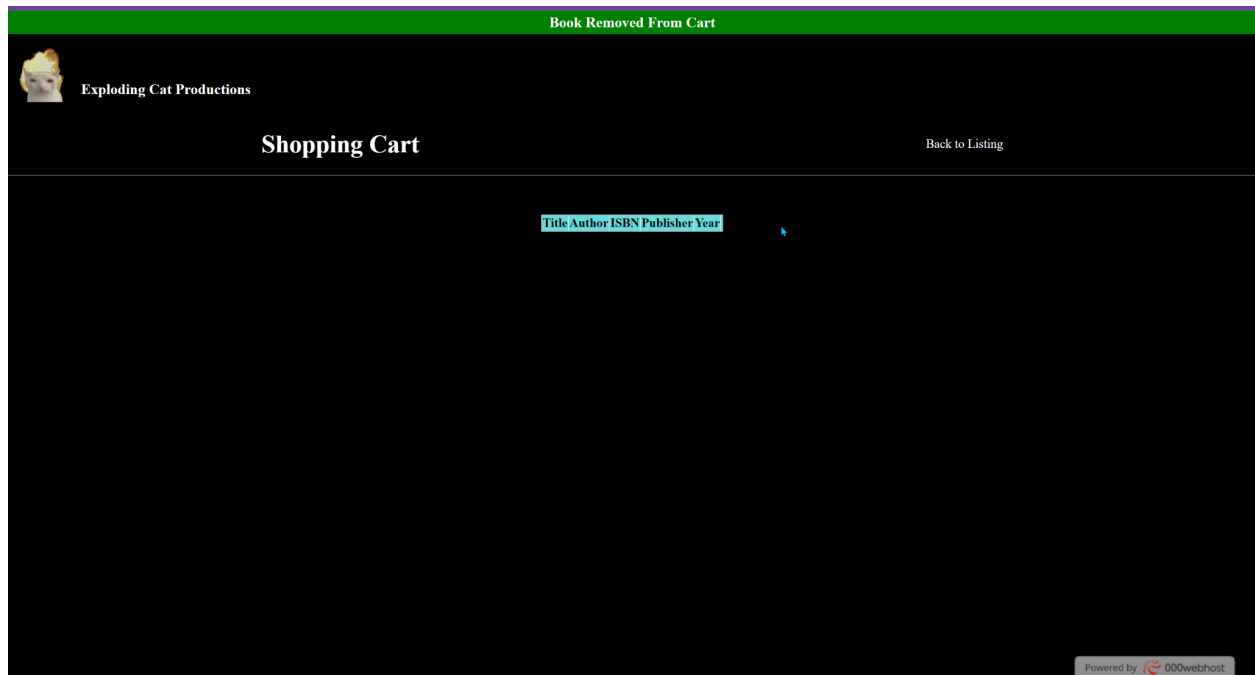
### Shopping Cart

[Back to Listing](#)

Title	Author	ISBN	Publisher	Year
The Code Master	Timothy	139398072	Scholastic	2023 <a href="#">Remove From Cart</a>

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## Demo: Removing a book from cart



## Relevant Information

For this assignment I decided that the best way to add functionality for the buttons for adding/deleting books from the cart would be to make them links back to the same page but with a query string for the book's ISBN.