

TERM Project

CMPS294\_01

Joshua Cantu, Jacob Dillon

URL : <http://jcselu.000webhostapp.com/term/>

## Book Inventory Managenment

User Name  Login

Search :  Search Advanced

## Book Inventory Managenment

jDillon99 Login

Search :  Search Advanced

## Book Inventory Managenment

Welcome Back, jDillon99 Logout



Search :  Search Advanced

This is how our group is handling the cookie for the user that visits the page. In this way even if someone uses another person's computer the cookie will be specifically theirs based on their username.

```
function login() { // This is a javascript function that will set the cookie to the value that is inside the field and then reload the page.
  let username = document.getElementById("userName").value;
  document.cookie = 'user='+username;
  window.location.reload();
}

function logout(){ // This is a javascript function that will remove the cookie from the browser by setting it to nothing and then reload the page.
  document.cookie = "user=";
  window.location.reload();
}
```

This is the code block that allows the user to login and logout these methods were both looked over by Joshua and Jacob together and collaboration was used by both members to make them work. We used the get ElementByld to gram the userName value and then set the cookie to be that username for the login and refreshes the page. For the logout it was simply just setting the cookie back to nothing, then refreshing the page.

# Book Inventory Managenment








User Name

Login

Search : 

Search

Advanced

	The Hidden Ivies, 3rd Edition: 63 of America's Top Liberal Arts Colleges and Universities (Greene's Guides)		<div>Add to Cart</div>
	Howard Greene	ISBN : 62420909	
	Collins Reference	2016	
	Colleges That Change Lives: 40 Schools That Will Change the Way You Think About Colleges		<div>↓</div> <div>Add to Cart</div>
	Loren Pope	ISBN : 143122304	
	Penguin Books	2012	
	Blood Meridian: Or the Evening Redness in the West		<div>↓</div> <div>Add to Cart</div>
	Cormac McCarthy	ISBN : 679728759	
	Knopf Doubleday Publishing Group	1992	
	PWN the SAT: Math Guide		<div>↓</div> <div>Add to Cart</div>
	Mike McClenathan	ISBN : 692984364	
	PWN Test Prep	2022	
	Magnus Chase and the Gods of Asgard		<div>Add to Cart</div>
	Rick Riordan	ISBN : 1423163370	
	Disney-Hyperion	2017	
	1984		<div>Add to Cart</div>
	George Orwell	ISBN : 9780451524935	
	Signet Classic	1961	
	The Lightning Thief		<div>Add to Cart</div>
	Rick Riordan	ISBN : 9780786838653	
	Disney-Hyperion	2006	

In order to search through the database, the user can either perform a basic (search my title) or advanced(search by any field) search by pressing the advanced/basic button. This operation was created by both Joshua and Jacob to meet one of the requirements of the assignment. This is achievable from the code in the following two pictures. The user is only allowed to add a book when the user is logged in, otherwise the add to cart button will be disabled.

```
<?php
$sql = "SELECT * FROM `Books` WHERE `Title` LIKE '%$Title%' AND `Author` LIKE '%$Author%' AND `ISBN` LIKE '%$ISBN%'";
$result = $conn->query($sql);
if ($result->num_rows > 0) {
    // output data of each row
    echo '<table>';
    while($row = $result->fetch_assoc()) {
        echo '<tr>';
        echo '<td rowspan="3"></td>';
        echo '<td colspan="2">'. $row[Title] . '</td>';
        echo '<td rowspan="3"> ';
        if(!empty($_COOKIE['user'])) {
            echo '
            <form action="./cart.php">
                <input type="hidden" value="'. $row[ISBN] .'" name="isbn">
                <input type="hidden" value="'. $_COOKIE[$cookie_name] .'" name="cookie">
                <input type="submit" value="Add to Cart">
            </form>';
        }
        else {
            echo '<button disabled="true">Add to Cart</button>';
        }
        echo '</td>';
        echo '</tr>';
        echo '<tr>';
```

```
        echo '</tr>';
        echo '<tr>';
        echo '<td>', $row[Author], '</td>';
        echo '<td> ISBN : ', $row[ISBN], '</td>';
        echo '</tr>';
        echo '<tr>';
        echo '<td>', $row[Publisher], '</td>';
        echo '<td>', $row[Year], '</td>';
        echo '</tr>';
        echo '<tr><td colspan="4"><hr/></td></tr>';
    }
    echo '</table>';
} else {
    echo "No Results Match your Search";
}
```

This is the code that will automatically show all the books in the database when the search button is clicked. It first checks if there is a cookie and if there is then the add to cart button will be able to be clicked. If there is no cookie set then the add to cart button will be disabled.



The Hidden Ivies, 3rd Edition: 63 of America's Top Liberal Arts Colleges and Universities (Greene's Guides)

Howard Greene

ISBN : 62420909

Add to Cart

Collins Reference

2016



Colleges That Change Lives: 40 Schools That Will Change the Way You Think About Colleges

Loren Pope

ISBN : 143122304

Add to Cart

Penguin Books

2012

Now that we are logged in the add to cart button is able to be clicked. When the book is added to cart, it will check if the book already has that book in their cart, if so it will increment the amount of that book, otherwise it will create a new entry for that book.

## Welcome to Your Cart, jDillon99

[Back to Search](#)



The Hidden Ivies, 3rd Edition: 63 of America's Top Liberal Arts Colleges and Universities (Greene's Guides)

Remove From Cart

Howard Greene

ISBN : 62420909

4

Publisher : Collins Reference

Year : 2016

Update Amount

On click of the button we are then brought to the cart of the current user that is logged in which can also be accessed anytime by pressing the cart icon by the user's name on the main page. All the books in the cart are listed as well as the amount of each book that has been added. There are also options to update the amount. And a Remove from the cart button. That will remove this book from the cart.

```
if (!empty($_GET['action'])) { // Checks the current action that the user is doing.
    if ($_GET['action'] == 'remove') { // if the action is the remove then we will remove the book.
        $isbn = $_GET['isbn']; // collect the isbn of the book to be removed
        $query = "DELETE FROM `cart` WHERE `cookie` = '" . $_COOKIE[user] . "' AND `ISBN` = '" . $isbn . "'"; //Custom delete query
        $conn->query($query); // Run the query to the database
    } elseif ($_GET['action'] == 'update') { // If the user wants to update the amount of books in the cart then we will have it updated
        $isbn = $_GET['isbn']; // grab isbn of the book
        $query = "UPDATE `cart` SET `volume` = '" . $_GET[count] . "' WHERE `ISBN` = '" . $isbn . "' AND `cookie` = '" . $_COOKIE[user] . "'"; //custom update query
        $conn->query($query); // run query to database.
    }
}
```

This is the code that is being ran to remove the book from the cart of that particular user. This code snippet also shows the logic for if the update amount button has been clicked. In both cases a custom query is built and then executed. This is run after the user selects the button.

```

if ($result->num_rows > 0) {
    // output data of each row
    echo '<table>';
    while($row = $result->fetch_assoc()) { // Loads the associative array the $row variable
        echo '<tr>';
        echo '<td rowspan="3"></td>'; //Displays the image for the book
        echo '<td colspan="2">'. $row[Title] . '</td>'; //Displays the title for the book
        echo '<td> ';
        echo '
            <form action="./cart.php">
                <input type="hidden" value="'. $row[ISBN] .'" name="isbn">
                <input type="submit" value="Remove From Cart">
            </form>'; // this is the form that is used to delete the book from the cart
        echo '</td>';
        echo '</tr>';
        echo '<tr>';
        echo '<td>', $row[Author], '</td>'; // Displays the author of the book.
        echo '<td> ISBN : ', $row[ISBN], '</td>'; // Displays the ISBN of the book
        echo '<td>
            <form action="./cart.php">
                <input type="text" name="count" placeholder="'. $row[volume] .'">
            </td>';
        echo '</tr>';
        echo '<tr>';
        echo '<td> Publisher : ', $row[Publisher], '</td>';
        echo '<td> Year : ', $row[Year], '</td>';
        echo '<td> ';
        echo '
            <input type="hidden" value="'. $row[ISBN] .'" name="isbn">
            <input type="submit" value="Update Amount">
        </form>'; // This is the form to update the volume of a book inside the users cart.
        echo '</td>';
        echo '</tr>';
        echo '<tr><td colspan="4"><hr/></td></tr>';
    }
    echo '</table>';
}

```

This is the code that shows the buttons with the options for the user to click when he or she navigates the cart page.

This was accomplished by Jacob and Joshua by making two forms with the same name and depending on the value that is sent the code would perform the following action by sending a SQL query to the database and updating the database along with the cart. Like so:

**Welcome to Your Cart, jDillon99**  
**↶ Back to Search**



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Howard Greene

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Publisher : Collins Reference

Year : 2016

Remove From Cart

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Update Amount

**Welcome to Your Cart, jDillon99**  
**↶ Back to Search**

My executing the same code as used for the edit of a book is deleted. There is now nothing to display in the cart. So the cart is empty.