TERM Project CMPS294_01 Joshua Cantu, Jacob Dillon

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

Book Inventory Managenment

Login

User Name

Search:

	•	_
Search : Search Advanced	jDillon99 Login	
	Search :	Search Advanced

Book Inventory Managenment

Welcome Back, jDillon99 Logout

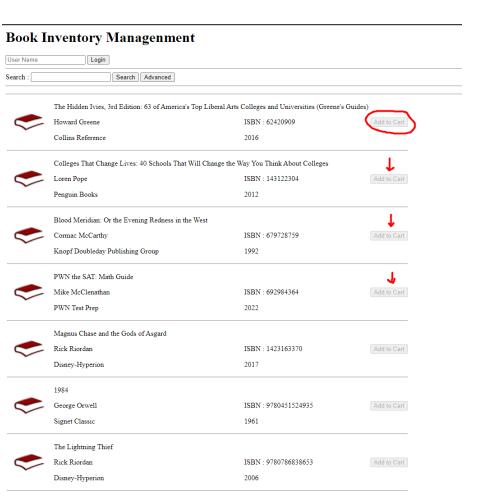
Search Advanced

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.



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.

```
$sql = "SELECT * FROM `Books` WHERE `Title` LIKE '%$Title%' AND `Author` LIKE '%$Author%' AND `ISBN` LIKE '%$ISBN%
$result = $conn->query($sq1);
if ($result->num_rows > 0) {
  echo '';
   while($row = $result->fetch_assoc()) {
        echo '<img src="'.".$row[imagePath]".'" width="100" height="100"/>';
        echo ''. "$row[Title]" .'';
        echo ' ';
        if(!(empty($_COOKIE['user'] ))){
              <form action="./cart.php">
                 <input type="hidden" value="'."$row[ISBN]".'" name="isbn">
                 <input type="hidden" value="'."$_COOKIE[$cookie_name]".'" name="cookie">
                 <input type="submit" value="Add to Cart">
              </form>';
         echo"<button disabled='true'>Add to Cart</button>" ;
     echo '';
     echo '';
     echo '';
                  Q Search
    echo '';
    echo '';
        echo '', "$row[Author]", '';
        echo ' ISBN : ', "$row[ISBN]", '';
    echo '';
    echo '';
        echo '', "$row[Publisher]",'';
         echo '', "$row[Year]", '';
    echo '';
    echo '<hr/>';
echo '';
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.



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.

The midden Ivies, 51d Edition, 05 of America's Top Liberal Arts Co	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.

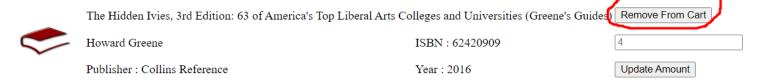
```
if (!(empty($_GET['action']))) { // Checks the current action that the user is doing.
    if ($_GET['action'] == 'remove') { // if the action is the remove then we will remove the book.
        $isbn = $_GET['isbn']; // collect the isbn of the book to be removed
        $query ="DELETE FROM `cart` WHERE `cookie` = '"."$_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 ($result->num rows > 0) {
   echo '';
   while($row = $result->fetch_assoc()) { // Loads the associative array the $row variable
      echo '<img src="'.".$row[imagePath]".'" width="100" height="100"/>'; //Displays the image for the book
      echo ''. "$row[Title]" .''; //Displays the title for the book
      echo '> ';
              <form action="./cart.php">
                 <input type="hidden" value="'."remove".'" name="action">
                 <input type="hidden" value="'."$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 '';
   echo '';
   echo '';
      echo '', "$row[Author]", ''; // Displays the author of the book.
      echo ' ISBN : ', "$row[ISBN]", ''; // Displays the ISBN of the book
          <form action="./cart.php">
          <input type="text" name="count" placeholder="'."$row[volume]".'">
       ';
   echo '';
      echo ' Publisher : ', "$row[Publisher]",'';
            ' Year : ', "$row[Year]",'';
      echo '';
                 <input type="hidden" value="'."update".'" name="action">
                 <input type="hidden" value="'."$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 '';
   echo '';
   echo '<hr/>';
echo '';
```

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:



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.