Martin Perez

CIS 282

5/13/2024

CODE

Index.PHP

<?php

require('database.php');

require('products.php');

$products = new Products();

if(session\_id() == '')

{

    session\_start();

}

$session\_id = session\_id();

$action=filter\_input(INPUT\_POST, 'action');

if($action == null)

{

    $action=filter\_input(INPUT\_GET, 'action');

    if($action == null)

    {

        $action = 'see\_products';

    }

}

$error\_message = '';

$results\_per\_page = 6;

if($action == 'see\_products')

{

    if(isset($\_GET["page"]))

    {

        $page = $\_GET["page"];

    }

    else

    {

        $page = 1;

    }

    $results = $products -> get\_results\_per\_page($results\_per\_page, $page);

    include('view.php');

}

else if ($action == 'filterSpurs')

{

    $results = $products->Spurs();

    include ('view.php');

}

else if ($action == 'filterGolden')

{

    $results = $products->Golden();

    include ('view.php');

}

else if ($action == 'filterCavs')

{

    $results = $products->Cavs();

    include ('view.php');

}

else if ($action == 'insert\_cart')

{

    $quantity = filter\_input(INPUT\_POST, 'quantity', FILTER\_VALIDATE\_INT);

    if($quantity == null || $quantity == FALSE || $quantity <= 0)

    {

        $error\_message = "ERROR---Quantity of item must be a whole number greater than 0<br><br>";

    }

    else

    {

        $products-> insert\_cart($session\_id, $\_POST['id'], $\_POST['price'], $\_POST['quantity']);

    }

    $page = $\_POST['page'];

    $results = $products -> get\_results\_per\_page($results\_per\_page, $page);

    include('view.php');

}

else if ($action == 'see\_cart')

{

    $results = $products->get\_cart($session\_id);

    include ('cart.php');

}

else if($action == 'empty\_cart')

{

    $products->delete\_cart($session\_id);

    $results = $products->get\_cart($session\_id);

    include('cart.php');

}

else if ($action == 'checkout')

{

    $results = $products->get\_cart($session\_id);

    $newInvID = $products->get\_MaxInvID() + 1;

    $products -> insert\_invoice($newInvID, null, null, null, null);

    foreach($results as $r)

    {

        $products->insert\_lineitem($r['shop\_line'], $newInvID, $r['shop\_prodid'], $r['shop\_price'], $r['shop\_qty']);

    }

    $results = $products->get\_lineitem($newInvID);

    include('checkout.php');

}

else if($action == 'order')

{

    $custname=filter\_input(INPUT\_POST, 'custname');

    $newInvID = $\_POST['inv\_id'];

    if('custname' == ''||'custname' == null)

    {

        $error\_message = "ERROR: Enter an appropriate name for the order";

        $results = $products->get\_lineitem($newInvID);

        include('checkout.php');

    }

    else

    {

        //$products->update\_invoice($newInvID, $\_POST('custname'), $\_POST('totalprice'), $\_POST('tax'), $\_POST('date'));

        $products->delete\_cart($session\_id);

        session\_destroy();

        include('invoice.php');

    }

}

?>

Products.php

<?php

//require('database.php');

class Products extends DB {

  function get\_results\_per\_page($results\_per\_page, $page) {

    $start\_from =($page-1)\*$results\_per\_page;

    return $this->select("SELECT \* FROM products ORDER BY id ASC LIMIT $start\_from, ".$results\_per\_page);

  }

  function get\_total\_pages($results\_per\_page) {

    $total\_pages=0;

    $result=$this->select("SELECT COUNT(id) AS total FROM products");

    foreach($result as $r)

    {

      $total\_pages=ceil($r['total']/$results\_per\_page);

    }

    return $total\_pages;

  }

  function get\_image($id) {

    return $this->select("SELECT \* FROM product\_images WHERE product\_id='$id'");

  }

  function Spurs() {

    return $this->select("SELECT \* FROM products WHERE name LIKE '%Spurs%'");

  }

  function Golden() {

    return $this->select("SELECT \* FROM products WHERE name LIKE '%Warriors%'");

  }

  function Cavs() {

    return $this->select("SELECT \* FROM products WHERE name LIKE '%Cavaliers%'");

  }

  function get\_maxLine($session\_id) {

    $maxLine=0;

    $result=$this->select("SELECT MAX(shop\_line) AS maxLine FROM shopping WHERE shop\_no='$session\_id'");

    foreach($result as $r)

    {

      $maxLine=$r['maxLine'];

    }

    return $maxLine;

  }

  function insert\_cart($session\_id, $id, $price, $qty) {

    $newLine=$this->get\_maxLine($session\_id) + 1;

    $this->edit("INSERT INTO shopping ( shop\_line, shop\_no, shop\_prodid, shop\_price, shop\_qty )

        VALUES ( '$newLine', '$session\_id', '$id', '$price', '$qty' )");

  }

  function get\_cart($session\_id) {

    return $this->select("SELECT \* FROM shopping WHERE shop\_no='$session\_id'");

  }

  function get\_product($id) {

    return $this->select("SELECT \* FROM products WHERE id='$id'");

  }

  function delete\_cart($session\_id) {

    $this->edit("DELETE FROM shopping WHERE shop\_no='$session\_id'");

  }

  function get\_maxInvID() {

    $maxInvID=0;

    $result=$this->select("SELECT MAX(inv\_id) AS maxInvID FROM invoice WHERE inv\_date <> 0");

    foreach($result as $r)

    {

      $maxInvID=$r['maxInvID'];

    }

    return $maxInvID;

  }

  function insert\_lineitem($line\_no, $invid, $id, $price, $qty) {

    $this->edit("INSERT INTO lineitem ( line\_no, line\_invid, line\_productid, line\_price, line\_qty )

        VALUES ( '$line\_no', '$invid', '$id', '$price', '$qty' )");

  }

  function get\_lineitem($invid) {

    return $this->select("SELECT \* FROM lineitem WHERE line\_invid='$invid'");

  }

  function insert\_invoice($inv\_id, $custname, $totalprice, $tax, $date) {

    $this->edit("INSERT INTO invoice ( inv\_id, inv\_custname, inv\_totalprice, inv\_tax, inv\_date )

        VALUES ( '$inv\_id', '$custname', '$totalprice', '$tax', '$date' )");

  }

  function update\_invoice($inv\_id, $custname, $totalprice, $tax, $date) {

    $this->edit("UPDATE invoice SET inv\_custname = '$custname', inv\_totalprice = '$totalprice', inv\_tax = '$tax', inv\_date ='$date' WHERE inv\_id='$inv\_id'");

  }

}

?>

View.php

<?php

include('header.php');

?>

<nav>

    <a href = "index.php">Products</a>

    <a href = "index.php?action=see\_cart">View Cart</a>

</nav>

<br>

<div id = "filter">

    <h1>Search by Team:</h1>

    <span>

        <li>

            <span id = "spurs">

                <a href="index.php?action=filterSpurs">

                    <label>Spurs</label>

                </a>

            </span>

        </li>

    </span>

    <span>

        <li>

            <span id = "warriors">

                <a href="index.php?action=filterGolden">

                    <label>Warriors</label>

                </a>

            </span>

        </li>

    </span>

    <span>

        <li>

            <span id = "cavs">

                <a href="index.php?action=filterCavs">

                    <label>Cavaliers</label>

                </a>

            </span>

        </li>

    </span>

</div>

<div id = "gallery">

    <?php

        echo $error\_message;

        foreach($results as $r)

        {

            echo "<div class = 'item'>";

            $image = $products->get\_image($r['id']);

            foreach($image as $i)

            {

                echo "<img src = 'images/".$i['name']."'></img>";

            }

            echo "<div class = 'desc'>".$r['name'].", $".$r['price']."</div>";

            echo "<form action = 'index.php' method = 'post'>";

            echo "<input type = 'hidden' name = 'action' value = 'insert\_cart'>";

            echo "<input type = 'hidden' name = 'page' value = ".$page.">";

            echo "<input type = 'hidden' name = 'id' value = ".$r['id'].">";

            echo "<input type = 'hidden' name = 'price' value = ".$r['price'].">";

            echo "<label for = 'quantity'>Enter Quantity:&nbsp</label>";

            echo "<input type = 'text' id = 'quantity' name = 'quantity' value = '1'><br>";

            echo "<input type = 'submit' id = 'add' value = 'Add to Cart'>";

            echo "</form>";

            echo "</div>";

        }

    ?>

    <footer>

        <?php

            $total\_pages = $products->get\_total\_pages($results\_per\_page);

            for($i = 1; $i <= $total\_pages; $i++)

            {

                echo "<div class = 'pagination'><a ";

                if($i == $page)

                {

                    echo "class = 'current' ";

                }

                echo "href = 'index.php?page=".$i."'>".$i."</a></div>";

            }

        ?>

    </footer>

</div>

Cart.php

<?php

    include ('header.php');

?>

<nav>

    <a href = "index.php">Products</a>

    <a href = "index.php?action=empty\_cart">Empty Cart</a>

<?php

    if($resutls[0] != null)

    {

        echo "<a href = 'index.php?action=checkout'>Checkout</a>";

    }

?>

</nav>

<h2>Shopping Cart</h2>

<?php

    if($results[0] == null)

    {

        echo "Your Cart is Empty!";

        return;

    }

?>

<table>

    <tr>

        <th>Item</th>

        <th>Item Description</th>

        <th>Price</th>

        <th>Quantity</th>

        <th>Subtotal</th>

    </tr>

    <?php

        foreach($results as $r)

        {

            echo "<tr>";

            $image = $products ->get\_image($r['shop\_prodid']);

            echo "<td><img src='images/".$image[0]['name']."'></td>";

            $item=$products -> get\_product($r['shop\_prodid']);

            echo "<td>".$item[0]['name']."</td>";

            echo "<td>".$r['shop\_price']."</td>";

            echo "<td>".$r['shop\_qty']."</td>";

            $subtotal = $r['shop\_price'] \* $r['shop\_qty'];

            echo "<td>".number\_format($subtotal, 2, '.', '')."</td>";

            echo "</tr>";

        }

    ?>

</table>

<br><br>

<button id = "btn"><a href = "index.php?action=checkout">Checkout</a></button>

Checkout.php

<?php include('header.php'); ?>

<nav>

<a href="index.php">Products</a>

<a href="index.php?action=see\_cart">View Cart</a>

</nav>

<h2>Checkout</h2>

<table>

<tr>

<th>Line #</th>

<th>Item Description</th>

<th>Price</th>

<th>Quantity</th>

<th>Subtotal</th>

</tr>

<?php

    $pretaxtotal=0;

    foreach($results as $r)

    {

        echo "<tr>";

        echo "<td>".$r['line\_no']."</td>";

        $item = $products->get\_product($r['line\_productid']);

        echo "<td>".$item[0]['name']."</td>";

        echo "<td>$".$r['line\_price']."</td>";

        echo "<td>".$r['line\_qty']."</td>";

        $subtotal = $r['line\_price'] \* $r['line\_qty'];

        echo "<td>$".number\_format($subtotal, 2, '.', '')."</td>";

        echo "</tr>";

        $pretaxtotal = $pretaxtotal + $subtotal;

    }

?>

<tr>

<td></td>

<td>Subtotal (before tax)</td>

<td></td>

<td></td>

<td>$<?php echo number\_format($pretaxtotal, 2, '.', ''); ?></td>

</tr>

<tr>

<td></td>

<td>Tax (10%)</td>

<td></td>

<td></td>

<?php $tax = round($pretaxtotal \* 0.1, 2); ?>

<td>$<?php echo number\_format($tax, 2, '.', ''); ?></td>

</tr>

<tr>

<td></td>

<td>Total Price (including tax)</td>

<td></td>

<td></td>

<?php $totalprice = $pretaxtotal + $tax; ?>

<td>$<?php echo number\_format($totalprice, 2, '.', ''); ?></td>

</tr>

</table>

<br><br>

<form action="index.php" method="post">

<input type="hidden" name="action" value="order">

<input type="hidden" name="inv\_id" value="<?= $newInvID ?>">

<input type="hidden" name="totalprice" value="<?= $totalprice ?>">

<input type="hidden" name="tax" value="<?= $tax ?>">

<?php date\_default\_timezone\_set("America/Chicago"); ?>

<input type="hidden" name="date" value="<?= date('Y-m-d') ?>">

<label for="custname">Enter Customer Name:&nbsp</label>

<input type="text" name="custname">

<br><br>

<?php echo $error\_message; ?>

<input type="submit" value="Submit Order" id="btn">

</form>

<footer>

</footer>

</body>

</html>

Invoice.php

<?php include('header.php'); ?>

<nav>

    <a href="index.php">Products</a>

    <a href="index.php?action=see\_cart">View Cart</a>

</nav>

<h2>Invoice</h2>

<table id = "invoice">

    <?php

        echo "<tr><th>Invoice Number: </th>";

        echo "<td>".$\_POST['inv\_id']."</td></tr>";

        echo "<tr><th>Customer Name: </th>";

        echo "<td>".$\_POST['custname']."</td></tr>";

        echo "<tr><th>Total Price (Including Tax): </th>";

        echo "<td>".$\_POST['totalprice']."</td></tr>";

        echo "<tr><th>Tax: </th>";

        echo "<td>".$\_POST['tax']."</td></tr>";

        echo "<tr><th>Date: </th>";

        echo "<td>".$\_POST['date']."</td></tr>";

    ?>

</table>

<footer>

</footer>

Header.php

<!DOCTYPE html>

<html lang='en'>

    <head>

        <title>Martin's NBA Shirt Store</title>

        <meta charset="utf-8">

        <link rel="stylesheet" href="CSS2.css">

    </head>

    <body>

        <header>

            <h1>NBA Shirt Store</h1>

        </header>

    </body>

</html>

Database.php

<?php

class DB {

  private $pdo = null;

  private $stmt = null;

  function \_\_construct(){

    try {

      $this->pdo = new PDO(

        "mysql:host=cis282.cnac62k4c1l7.us-east-1.rds.amazonaws.com;dbname=shop\_cart;charset=utf8",

        "mperez", "MartinPerez"

      );

    } catch (Exception $ex) { die($ex->getMessage()); }

  }

  function \_\_destruct(){

    if ($this->stmt!==null) { $this->stmt = null; }

    if ($this->pdo!==null) { $this->pdo = null; }

  }

  function select($sql, $cond=null){

    $result = false;

    try {

      $this->stmt = $this->pdo->prepare($sql);

      $this->stmt->execute($cond);

      $result = $this->stmt->fetchAll();

    } catch (Exception $ex) { die($ex->getMessage()); }

    $this->stmt = null;

    return $result;

  }

  function edit($sql, $cond=null) {

    try {

      $this->stmt = $this->pdo->prepare($sql);

      $this->stmt->execute($cond);

    } catch (Exception $ex) { die($ex->getMessage()); }

    $this->stmt = null;

  }

}

?>

CSS2.css

body {

    color: #000000;

    font-family: Arial, Helvetica, sans-serif;

    text-align: center;

}

span.main{

    box-sizing:border-box;

}

.checkbox-label {

    display: inline-block;

    vertical-align: middle;

    margin-right: 10px; /\* Adjust spacing between checkbox and text \*/

}

header {

    background-color: #840000;

    color: #FFFFFF;

    text-align: center;

    padding: 1px;

}

nav {

    text-align: left;

    background-color: #d95f5f;

    font-weight: bold;

    padding: 10px;

}

nav a {

    text-decoration: none;

    padding: 10px;

    color: black;

}

li {

    list-style: none;

}

table {

    table-layout: auto;

    width: 80%;

    margin: auto;

    border-collapse: collapse;

}

th {

    background-color: #d95f5f;

    color: #000000;

    font-size: 20px;

}

td, th {

    padding: 0.5em;

    border: 2px solid #d95f5f;

}

td {

    text-align: center;

}

td img {

    width: 50px;

    height: auto;

}

label {

    font-weight: bold;

}

footer {

    clear: both;

    text-align: center;

    padding: 5px;

}

.pagination {

    display: inline-block;

}

.pagination a {

    color: #d95f5f;

    float: left;

    padding: 8px 16px;

    text-decoration: none;

    border: 1px solid #d95f5f;

}

.pagination a.current {

    background-color: #d95f5f;

    font-weight: bold;

    color: #FFFFFF;

}

div.item {

    display: inline-block;

    margin: 15px;

    /\*float: left;\*/

    width: 400px;

    height: 200px;

}

div.item img {

  width: 75px;

  height: auto;

}

div.desc {

  padding: 5px;

  text-align: center;

}

#div\_check{

    width: 21px;

    height: 16px;

}

#add {

  border: none;

  width: 400px;

  font-size: 20px;

  font-weight: bold;

  background-color: #d95f5f;

  color: #FFFFFF;

  transition: background-color 0.3s ease;

}

#add:hover {

    background-color: #840000;

}

#quantity {

    width: 3em;

    text-align: center;

    margin-bottom: 5px;

}

#btn {

  border: none;

  font-size: 20px;

  padding: 10px;

  font-weight: bold;

  background-color: #0080FF;

  color: #FFFFFF;

}

#btn a {

  color: #FFFFFF;

  text-decoration: none;

}

#invoice {

    table-layout: auto;

    width: 30%;

    margin: auto;

    border-collapse: collapse;

}

#invoice th {

    background-color: #FFFFFF;

    color: #000000;

    font-size: 16px;

    text-align: right;

}

#invoice td, th {

    padding: 0.5em;

    border: 1px solid #000000;

}

#invoice td {

    text-align: left;

}

#filter{

    display: inline-block;

    margin-right: 15px;

    border-style: double;

    border-color: #840000;

}

#filter h1

{

    color: #840000;

}

span

{

    display: inline-block;

    padding: 10px;

}

span a

{

    text-decoration: none;

}

#spurs label

{

    border-bottom: solid silver;

    color: black;

}

#warriors label

{

    border-bottom: solid gold;

    color: black;

}

#cavs label

{

    border-bottom: solid #840000;

    color: black;

}

#spurs:hover, #warriors:hover, #cavs:hover {

    border-bottom: solid 5px #840000;

}

OUTPUT

A screenshot of a computer

Description automatically generated

// Filter by teams -> spurs selected

A screenshot of a shirt store

Description automatically generated

A screenshot of a shopping cart

Description automatically generated

A screen shot of a checkout

Description automatically generated

A screenshot of a shirt store

Description automatically generated