

Product Page (SiteGround)

<https://jonathank1.sgedu.site/project3/index.php>

Products Page (index.php)

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title style="top:5px">eCommerce Products Page</title>
  <script src="https://code.jquery.com/jquery-3.5.1.js">
  </script>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <?php
    session_start();
    include "db_connection.php";

    $conn = OpenCon();

    //check
    if(!$conn) {
      echo 'Connection error: ' . mysqli_connect_error();
    }

    //write query for products
    $sql = "SELECT * FROM `products`";

    //exec query, get result
    $result = mysqli_query($conn, $sql);

    //error handling
    if (!$result) {
      echo "Query error. Result: " . $result . "Error: " . mysqli_error($conn);
    } elseif (mysqli_num_rows($result) > 0) {
      //echo "returned " . mysqli_num_rows($result) . " rows <br>";
    }
  }
  </body>
</html>
```

```
// while($row = mysqli_fetch_assoc($result)) {
    //     echo "on new row <br>";
    //     echo "id: " . $row["id"] . " - Name: " . $row["name"]. " price: $" . $row["price"] . " size: " . $row["size"] .
"<br>";
    // }

} else {
    echo "0 results";
}

//close connection
mysqli_close($conn);

$rows = mysqli_fetch_all($result, MYSQLI_ASSOC);

$jsonStr = json_encode($rows); //$rows array 'stringified' as JSON string
$shoes = json_decode($jsonStr, true); //JSON array

?> <!--END PHP-->

<header>
    <div class="nav">
        <a href="https://jonathank1.sgedu.site/project3/index.php"><image src="images/logo.png" class="navIcon"
id="logo"></a>
        <p class="headerText">eCommerce Site</p>
        <div id="cart" class="navIcon">
            <a href="https://jonathank1.sgedu.site/project3/cart.php"><image src="images/cart.png" class="navIcon"
id="cartImg"></a>
            <div class="nItems" id="nItems">0</div>
        </div>
        <div id="orders" class="navIcon">
            <a href="https://jonathank1.sgedu.site/project3/orders.php"><image src="images/orders.png"
class="navIcon" id="orderImg"></a>
        </div>
    </div> <!--End Nav-->
</header>

<main>
```

```
<h2>Products Page | Shoes</h2>

<!--Populate Product Page-->

<div class="container">

  <?php foreach($shoes as $shoe) { ?>

    <div class="tile">

      " alt="product_image">

      <div class="info">

        <span class="name"><?php echo $shoe["name"]; ?></span>

        <span class="price"><?php echo $shoe["price"]; ?></span>

      </div> <!--End Info-->

      <div class="buttons">

        <button class="moreInfo" id="" data-id="<?php echo $shoe["id"]; ?>">More Info</button>

        <button class="addCart" data-id="<?php echo $shoe["id"]; ?>">Add to Cart</button>

        <p class="desc" style="display:none" id="<?php echo $shoe["id"]; ?>"><?php echo
$shoe["description"]; ?></p>

      </div> <!--End Buttons-->

    </div> <!--End Tile-->

  <?php } ?>

</div> <!--End Container-->

</main>

<footer>

  <p class="footerText">&copy; 2023 All Rights Reserved.</p>

</footer>

<script>

  //Event Listener - More Info
  var moreId = document.getElementsByClassName("moreInfo");
  var descId = document.getElementsByClassName("desc");
  for (var i = 0; i < moreId.length; i++) {
    moreId[i].addEventListener("click", function(event) {
      var target = event.target;
      var id = target.getAttribute("data-id");
      var toggle = document.getElementById(id).style.display = "block";
    })
  }

  //Event Listener - Add to Cart
  var cartId = document.getElementsByClassName("addCart");
  for (var i = 0; i < cartId.length; i++) {
```

```
cartId[i].addEventListener("click", function(event) {  
    var target = event.target;  
    var id = target.getAttribute("data-id");  
  
    var xml = new XMLHttpRequest();  
    xml.onreadystatechange = function() {  
        if(this.readyState == 4 && this.status == 200) {  
            alert(this.responseText);  
        }  
    }  
    xml.open("GET", "db_connection.php?id=" + id, true);  
    xml.send();  
})  
}
```

```
</script>  
</body>  
</html>
```

db_connection.php

<?php

ini_set('display_errors', 1);

error_reporting(E_ALL);

function OpenCon () {

 \$dbhost = 'jonathank1.sgedu.site:3306';

 \$dbuser = 'upqbzqdqcl4qj'; #connection user

 \$dbpass = '#\$1kgikjf#r+';

 \$db = 'dbods4dodkpapn'; #db ecom

 // \$conn = new mysqli(\$dbhost, \$dbuser, \$dbpass, \$db) or die ("Connection failed: \$s\n". \$conn -> error);

 \$conn = new mysqli(\$dbhost, \$dbuser, \$dbpass, \$db);

 if(\$conn->connect_error) {

 die("Database connection failed: " . \$conn->connect_error);

 }

 // else {

 // echo "Connected to database " . \$db . " successfully ";

 // }

 return \$conn;

}

function CloseCon(\$conn) {

 mysqli_close(\$conn);

}

session_start();

\$_SESSION['cart'] = array();

\$cart = \$_SESSION['cart'];

if (isset(\$_GET["id"])) {

 \$prodID = \$_GET["id"];

 //echo "Hello from the server! I have a prodID of \$prodID";

 if (count(\$cart) >= 5) {

 echo "Your cart is full at 5 unique items! Click the cart icon to access and manage your cart.";

```
        return;
    } else if (in_array($prodID, $cart)) {
        //Increment qty
        $cart[$prodID] += 1;
    } else {
        //add id=>qty to $cart
        $cart[$prodID] = 1;
    }
} ?>
```

Cart.php

```
<?php
session_start();
include "db_connection.php";

$conn = OpenCon();

//check
if(!$conn) {
    echo 'Connection error: ' . mysqli_connect_error();
}

//write query for products
$sql = "SELECT * FROM `products`";

//exec query, get result
$result = mysqli_query($conn, $sql);

//error handling
if (!$result) {
    echo "Query error. Result: " . $result . "Error: " . mysqli_error($conn);
} elseif (mysqli_num_rows($result) > 0) {
    //echo "returned " . mysqli_num_rows($result) . " rows <br>";
    // while($row = mysqli_fetch_assoc($result)) {
    //     echo "on new row <br>";
    //     echo "id: " . $row["id"] . " - Name: " . $row["name"]. " price: $" . $row["price"] . " size: " . $row["size"] .
    "<br>";
}
```

```
// }

} else {
    echo "0 results";
}

//close connection
mysqli_close($conn);

$rows = mysqli_fetch_all($result, MYSQLI_ASSOC);

$jsonStr = json_encode($rows); //$rows array 'stringified' as JSON string
$shoes = json_decode($jsonStr, true); //JSON array
?> <!--END PHP-->

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>eCommerce Cart Page</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <header>
        <div class="nav">
            <a href="https://jonathank1.sgedu.site/project3/index.php"><image src="images/logo.png" class="navIcon"
id="logo"></a>
            <p class="headerText">eCommerce Site</p>
            <div id="cart" class="navIcon">
                <a href="https://jonathank1.sgedu.site/project3/cart.php"><image src="images/cart.png" class="navIcon"
id="cartImg"></a>
            </div>
            <div id="orders" class="navIcon">
                <a href="https://jonathank1.sgedu.site/project3/orders.php"><image src="images/orders.png"
class="navIcon" id="orderImg"></a>
            </div>
        </div> <!--End Nav-->
```

```
</header>

<main>
  <h2>My Cart</h2>
  <?php
    $items = $_SESSION['cart'];
  ?>
  <div class="container">
    <?php foreach($items as $key=>$qty) { ?>
      <?php foreach($shoes as $shoe) { ?>
        <?php if ($shoe['id'] == $key) { ?>
          <?php echo $shoe['name'] ?>
        <?php } ?>
      <?php } ?>
    <?php } ?>
  </div>

</main>

<footer>
  <p class="footerText">&copy; 2023 All Rights Reserved.</p>
</footer>
</body>
</html>
```



```
<?php
    include "db_connection.php";

    //DB connection
    $conn = OpenCon();
    //check
    if(!$conn) {
        echo 'Connection error: ' . mysqli_connect_error();
    }

    $sql = "SELECT * FROM `orders` ORDER BY order_date DESC;";

    $result = mysqli_query($conn, $sql);

    //error handling
    if (!$result) {
        echo "Query error. Result: " . $result . "Error: " . mysqli_error($conn);
    } elseif (mysqli_num_rows($result) > 0) {
        // echo "returned " . mysqli_num_rows($result) . " rows <br>";
    } else {
        // echo "0 results";
    }

    mysqli_close($conn);

    $rows = mysqli_fetch_all($result, MYSQLI_ASSOC);

    $jsonStr = json_encode($rows);
    $orders = json_decode($jsonStr, true);

    //print_r($orders);
?>

<!DOCTYPE html>
<html lang="en">
<head>
```

```
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>eCommerce Orders Page</title>
<link rel="stylesheet" href="style.css">
</head>
<body>
  <header>
    <div class="nav">
      <a href="https://jonathank1.sgedu.site/project3/index.php"></a>
      <p class="headerText">eCommerce Site</p>
      <div id="cart" class="navIcon">
        <a href="https://jonathank1.sgedu.site/project3/cart.php"></a>
      </div>
      <div id="orders" class="navIcon">
        <a href="https://jonathank1.sgedu.site/project3/orders.php"></a>
      </div>
    </div> <!--End Nav-->
  </header>

  <main>
    <h2>Order History</h2>
    <div class="container">
      <?php foreach ($orders as $order) { ?>
        <div class="orders">
          <?php echo ("Order Date: ".$order['order_date']); ?>
          <div class="overview">
            <?php echo ("Order ID: ".$order['order_id']." ".
              "| Order Total: ".$order['order_total'])."<br>"; ?>
            <span>Products:</span> <br>
          </div>
          <div class="orderItems" style="margin-left:30px; margin-bottom:5px;">
            <?php if ($order['qty0'] != 0) {echo ("Product: ".$order['name0']." | Quantity: ".$order['qty0']." | Cost:
$. $order['total0']").<br>"); }?>
            <?php if ($order['qty1'] != 0) {echo ("Product: ".$order['name1']." | Quantity: ".$order['qty1']." | Cost:
$. $order['total1']").<br>"); }?>
```

```
<?php if ($order['qty2'] != 0) {echo ("Product: ".$order['name2']." | Quantity: ".$order['qty2']." | Cost:
$".$order['total2']."<br>"); }?>

<?php if ($order['qty3'] != 0) {echo ("Product: ".$order['name3']." | Quantity: ".$order['qty3']." | Cost:
$".$order['total3']."<br>"); }?>

<?php if ($order['qty4'] != 0) {echo ("Product: ".$order['name4']." | Quantity: ".$order['qty4']." | Cost:
$".$order['total4']."<br>"); }?>

</div>

<?php } ?> <!--End orderItems-->

</div> <!--End Orders-->

</div> <!--End Container-->

</main>

<footer>

<p class="footerText">&copy 2023 All Rights Reserved.</p>

</footer>

</body>

</html>

Style.php
```

```
/*Color Palette
dark teal: #29698C
powder blue: #7DD1FF
brown: #8C5B1B
turquoise: #1FADDC
amber: #DBB50F
*/
```

```
html * {
    font-family:"Roboto", sans-serif;
    text-align:left;
}
```

```
title {
    font-size: 30px;
    color:#000000;
}
```

```
h1 {
    color:#8C5B1B;
```

```
}
```

```
h2 {  
  color:#000000;  
  text-align:center;  
  font-size:30px;  
}
```

```
h3 {  
  color:#000000;  
}
```

```
.headerText {  
  color:#FFFFFF;  
  font-size:40px;  
  display:inline;  
}
```

```
.nav {  
  display:block;  
  position:static;  
  height:90px;  
  width:100%;  
  background-color:#29698C;  
  color:#FFFFFF;  
}
```

```
.navIcon {  
  width:auto;  
  height:90%;  
  display:inline;  
  margin-left:5px;  
  border-radius:70%;  
}
```

```
#logo {  
  float:left;  
}
```

```
#cartImg, #orderImg {  
    float:right;  
}  
  
#nItems {  
    float:center;  
    position:absolute;  
    top:15px;  
    right:35px;  
    bottom:10px;  
    border-radius:100%;  
    text-align:center;  
    height:25px;  
    width:25px;  
    background-color:#DBB50F;  
    color:#000000;  
    overflow:hidden;  
}  
  
main {  
    margin-top:2rem;  
    margin-bottom:5rem;  
    margin-left:3rem;  
    margin-right:3rem;  
    height:100%;  
    border:solid;  
}  
  
footer {  
    position:relative;  
    left:0;  
    bottom:0;  
    height:1.5rem;  
    width:100%;  
    background-color:#29698C;  
    color:#FFFFFF;  
    text-align:center;  
    margin-top:100px;  
    float:bottom;  
}
```

```
.footerText {  
    font-size: 16px;  
    text-align: center;  
    top: 5px;  
}  
  
.container {  
    position: relative;  
    width: 100%;  
    height: 100%;  
    display: flex;  
    flex-direction: row;  
    justify-content: space-evenly;  
    align-items: baseline;  
    flex-wrap: wrap;  
    align-content: space-evenly;  
}  
  
.tile {  
    display: block;  
    position: relative;  
    height: 16em;  
    width: 14em;  
    background-color: #FFFFFF;  
    border: solid;  
    border-color: #29698C;  
    border-width: 2px;  
    object-fit: cover;  
    margin-top: 10px;  
    margin-bottom: 10px;  
    box-shadow: inset;  
}  
  
/*Cart Page*/  
.cart {  
    display: block;  
    position: relative;  
    height: 16em;
```

```
width:25em;
background-color:#FFFFFF;
border:solid;
border-color:#29698C;
border-width:3px;
object-fit:cover;
margin-top:10px;
margin-bottom:10px;
box-shadow: inset;
}
```

```
.photo {
  position:relative;
  display:block;
  float:top;
  left:10px;
  right:auto;
  height:50%;
  object-fit:contain;
  overflow:hidden;
}
```

```
.info {
  position:relative;
  display:flow-root;
  height:20%;
  width:100%;
  float:bottom;
  bottom:2px;
  overflow:unset;
  object-fit:scale-down;
}
```

```
.name {
  display:block;
  position:relative;
  font-size:2rem !important;
  object-fit:scale-down;
```

```
    overflow: hidden;
    bottom: 0;
}

.buttons {
    display: block;
    position: relative;
    float: center;
    bottom: 1px;
    width: 100%;
    align-items: center;
    top: 0;
    justify-content: center;
}

.desc {
    font-size: 20px !important;
    position: relative;
    float: right;
    justify-self: right;
    width: 100%;
    height: fit-content;
    padding: 0%;
    margin: 0%;
}

.addCart {
    max-width: 40%;
    width: 40%;
    margin-top: 20px;
    margin-left: 5px;
    height: 2rem;
    font-size: 60%;
    text-align: center;
    display: inline-block;
    border-radius: 12px;
    background-color: #DBB50F;
    color: #000000;
```



```
}
```

```
.moreInfo {  
  max-width: 40%;  
  width: 40%;  
  margin-top: 20px;  
  margin-left: 5px;  
  height: 2rem;  
  font-size: 60%;  
  text-align:center;  
  display:inline-block;  
  border-radius:12px;  
}
```

```
.cartDiv {  
  position:relative;  
  left:5px;  
  width:80%;  
  max-width:80%;  
  height:100%;  
  display:flex;  
  flex-direction:row;  
  justify-content:space-evenly;  
  align-items:baseline;  
  flex-wrap:wrap;  
  align-content:space-evenly;  
  border:solid;  
  float:left;  
}
```

```
.lineItem {  
  display:block;  
  position:relative;  
  height:16em;  
  width:20em;  
  background-color:#FFFFFF;  
  border:solid;  
  border-color:#29698C;
```

```
border-width:3px;
object-fit:cover;
margin-top:10px;
margin-bottom:10px;
box-shadow: inset;
}

/*Orders Page*/
.orders {
display:block;
flex-direction:row;
position:relative;
height:20em;
width:100%;
background-color:#FFFFFF;
object-fit:cover;
margin-top:10px;
margin-bottom:2px;
font-size:large;
}

.orderItems {
display:block;
position:relative;
height:auto;
width:80%;
background-color:#FFFFFF;
object-fit:cover;
margin-top:10px;
margin-bottom:2px;
box-shadow: inset;
font-size:medium;
}
```

products.pdf
1 page

Database: dbods4dodkpapn, Table: products, Purpose: Dumping data

id	name	price	size	description	imgPath
22	Adidas Stan Smith	80.00	9.0	Iconic Adidas Stan Smith sneakers with clean design.	images/stanSmith.jpg
23	Timberland Earthkeepers	150.00	11.0	Durable Timberland Earthkeepers boots for outdoor adventures.	images/timberEarth.jpg
24	Converse Chuck Taylor	60.00	8.0	Timeless Converse Chuck Taylor high-top sneakers.	images/converseChuck.jpg
25	Vans Old Skool	65.00	9.0	Classic Vans Old Skool skate shoes for everyday wear.	images/vans.jpg
26	Clarks Desert Boot	130.00	10.0	Stylish and comfortable Clarks Desert Boots for any occasion.	images/clarks.jpg
27	Puma Suede Classic	70.00	9.0	Puma Suede Classic sneakers with a retro look.	images/pumas.jpg
28	Reebok Classic Leather	75.00	10.0	Timeless Reebok Classic Leather sneakers for casual style.	images/reebok.png
29	New Balance 990s	180.00	11.0	New Balance 990s running shoes with exceptional comfort.	images/newBalance.jpg
30	Dr. Martens 1460	150.00	10.0	Iconic Dr. Martens 1460 boots with distinctive style.	images/docMartens.jpg
31	Skechers Go Walk 5	55.00	8.0	Skechers Go Walk 5 shoes designed for walking comfort.	images/skechers.jpg
32	ECCO Soft 7	140.00	9.0	ECCO Soft 7 sneakers known for their premium craftsmanship.	images/recco.jpg
33	ASICS Gel-Kayano 27	160.00	10.0	ASICS Gel-Kayano 27 running shoes for stability and support.	images/kayano.jpg
34	Brooks Ghost 14	140.00	10.0	Brooks Ghost 14 running shoes with cushioning and responsiveness.	images/brooks.jpg
35	Under Armour HOVR	130.00	9.0	Under Armour HOVR Phantom sneakers with energy return technology.	images/underArmour.png
36	Fila Disruptor II	75.00	8.0	Chunky Fila Disruptor II sneakers for a bold and retro look.	images/fila.jpeg
37	Merrell Moab 2	120.00	11.0	Merrell Moab 2 hiking shoes built for outdoor exploration.	images/merrell.jpg
38	Sperry Authentic Original	95.00	9.0	Classic Sperry Authentic Original boat shoes for maritime style.	images/sperry.jpg
39	Cole Haan GrandPro	130.00	9.0	Cole Haan GrandPro sneakers with modern design and comfort.	images/coleHaan.jpg
40	Hush Puppies Doug	110.00	10.0	Hush Puppies Doug loafers for a relaxed and versatile look.	images/hushPuppies.jpg
41	Nike Air Max 90	120.00	10.0	Classic and stylish Nike Air Max 90 sneakers.	images/nikeAir90.jpg