

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Spring/Summer/Fall 2020-2021**

**Project Title: E-Commerce (Mobile Phones)**

**Section: H**

|  |  |
| --- | --- |
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|  |  |

**E-Commerce (Mobile Phones)**

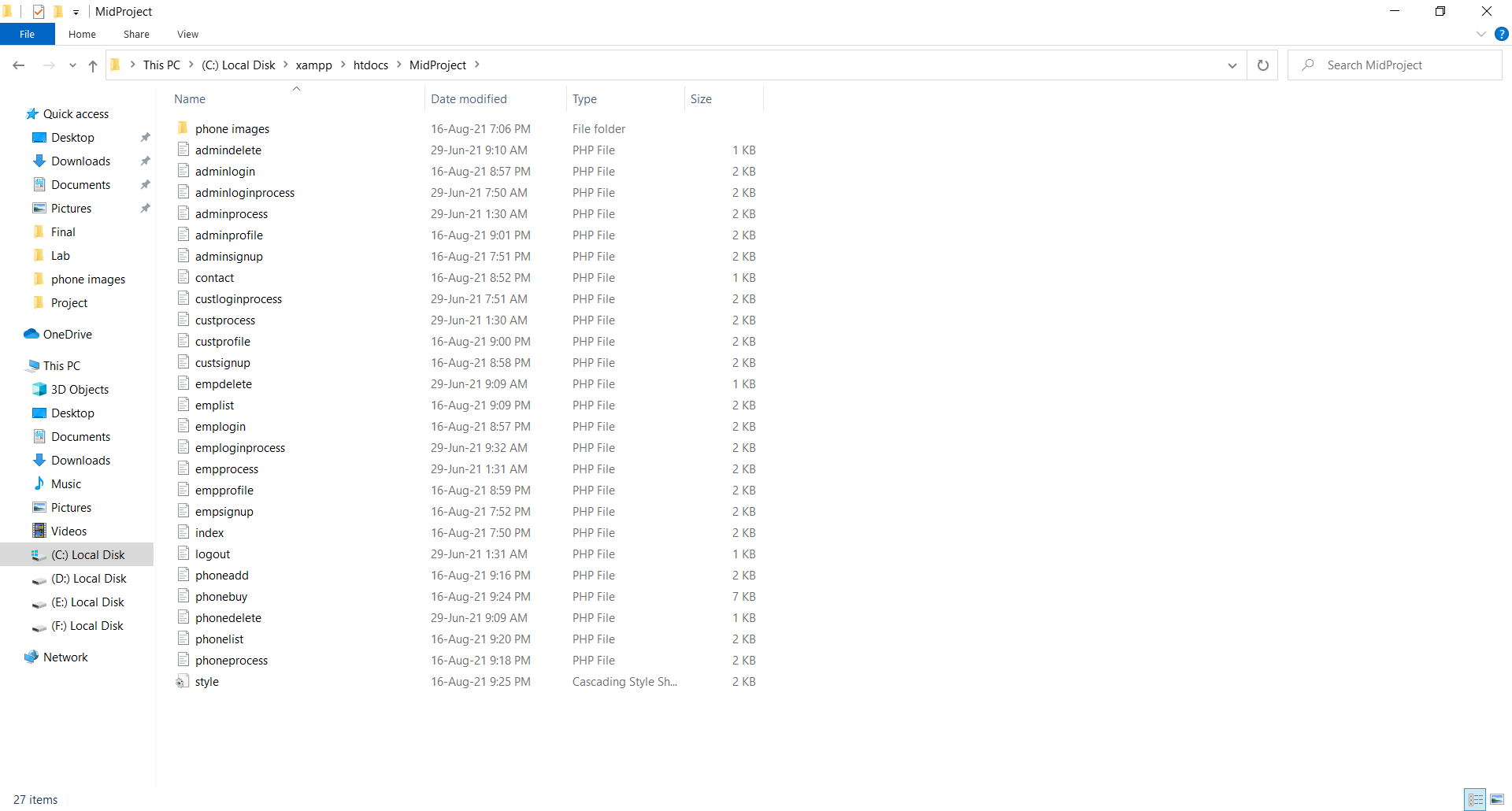
**Project Description:**

An e-commerce website is the place where we can buy and sell products online. We are building and an e-commerce website as our project. Our website is mainly focused on buying and selling mobile phones online. We have three types of users:

*Customer*: Can open a new account or login into their existing one using their email and a password of their choice. Can browse through the list of phones offered by the system and buy them.  
*Employee:* Can add new phones to the system’s database or remove existing ones. Can browse through the phone catalog.

*Admin:* Can add or remove employees. May add another admin if they need to. Can view the database of the system.

**Project Folder Structure:**

**

**Core Modules of the Project:**

***index.php***

<?php

if (session\_status() >= 0) {

      session\_start();

      if (isset($\_SESSION["custemail"])) {

            header("refresh: 1; url = custprofile.php");

      }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

      <title>Login/Sign Up</title>

      <link rel="stylesheet" type="text/css" href="style.css">

</head>

<body>

      <header>SRD Mobiles</header>

      <nav>

            <ul>

                  <a href="index.php">Home</a> &nbsp;

                  <a href="phonelist.php">Browse Phones</a> &nbsp;

                  <a href="contact.php">Contact</a>

            </ul>

      </nav>

      <br>

      <h2>Welcome. Please type in your email and password to log into the system.</h2>

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

            Email<input type="email" name="custemail"> &nbsp;

            Password<input type="password" name="custpass">

            <input type="submit" name="submit">

            <br>

            <br>

            <a href="emplogin.php">Employee Login</a> &nbsp;

            <a href="adminlogin.php">Admin Login</a>

            <br>

            <br>

      </form>

      <h3>Don't have an account? Sign Up for free!</h3><a href="custsignup.php">Sign Up</a>

      <br>

      <br>

      <img src="https://assets.mspimages.in/wp-content/uploads/2020/10/Samsung-Galaxy-S20-FE-MySmartPrice.jpg">

      <br>

      <section>

            <h2>About Us</h2>

            We are the official retailers of iPhone and Samsung mobiles in Dhaka- get the latest models at the cheapest price!

      </section>

      <br>

      <br>

</body>

</html>

***custloginprocess.php***

<?php

if (session\_status() >= 0) {

      if (isset($\_SESSION["empemail"])) {

            header("refresh: 0.5; url = empprofile.php");

      }

}

if (isset($\_POST["submit"])) {

      $empemail = $\_POST["empemail"];

      $emppass = $\_POST["emppass"];

      $conn = mysqli\_connect('localhost', 'root', '', 'users');

      $sql = "SELECT \* FROM employees WHERE email = '$empemail' AND password = '$emppass' ";

      $result = mysqli\_query($conn, $sql);

      $row = mysqli\_fetch\_array($result, MYSQLI\_ASSOC);

      $count = mysqli\_num\_rows($result);

      if ($count == 1){

            session\_start();

            $\_SESSION["empemail"] = $empemail;

            echo "You are being redirected now...";

            header("refresh: 2; url = empprofile.php");

            exit();

      }

      else{

            echo "Error: User not found";

            header("refresh: 2; url = emplogin.php");

            exit();

      }

}

if (!isset($\_POST["submit"])) {

      echo "Type in your username and password."."<br>";

      header("refresh: 2; url = emplogin.php");

}

?>

***phonebuy.php***

<?php

if (session\_status() >= 0) {

      session\_start();

      if (!isset($\_SESSION["custemail"])) {

            echo "Error: You need to login as a customer!";

            echo "<br>";

            header("refresh: 2; url = index.php");

      }

      $connect = mysqli\_connect("localhost", "root", "", "users");

      if(isset($\_POST["add\_to\_cart"]))

      {

           if(isset($\_SESSION["shopping\_cart"]))

           {

                $item\_array\_id = array\_column($\_SESSION["shopping\_cart"], "item\_id");

                if(!in\_array($\_GET["id"], $item\_array\_id))

                {

                     $count = count($\_SESSION["shopping\_cart"]);

                     $item\_array = array(

                          'item\_id'               =>     $\_GET["id"],

                          'item\_model'               =>     $\_POST["hidden\_model"],

                          'item\_price'          =>     $\_POST["hidden\_price"],

                          'item\_quantity'          =>     $\_POST["quantity"]

                     );

                     $\_SESSION["shopping\_cart"][$count] = $item\_array;

                }

                else

                {

                     echo "Item Already Added";

                     header("refresh: 2; url = phonebuy.php");

                }

           }

           else

           {

                $item\_array = array(

                     'item\_id'               =>     $\_GET["id"],

                     'item\_model'               =>     $\_POST["hidden\_model"],

                     'item\_price'          =>     $\_POST["hidden\_price"],

                     'item\_quantity'          =>     $\_POST["quantity"]

                );

                $\_SESSION["shopping\_cart"][0] = $item\_array;

           }

      }

      if(isset($\_GET["action"]))

      {

           if($\_GET["action"] == "delete")

           {

                foreach($\_SESSION["shopping\_cart"] as $keys => $values)

                {

                     if($values["item\_id"] == $\_GET["id"])

                     {

                          unset($\_SESSION["shopping\_cart"][$keys]);

                          echo "Item Removed";

                          header("refresh: 2; url = phonebuy.php");

                     }

                }

           }

      }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

      <title>Buy Phone</title>

      <link rel="stylesheet" type="text/css" href="style.css">

</head>

<body>

<header>SRD Mobiles</header>

      <nav>

            <ul>

                  <a href="index.php">Home</a> &nbsp;

                  <a href="phonelist.php">Browse Phones</a> &nbsp;

                  <a href="contact.php">Contact</a>

            </ul>

      </nav>

      <br>

           <div class="container" style="width:700px;">

                <?php

                $sql = "SELECT \* FROM phone ORDER BY Model ASC";

                $result = mysqli\_query($connect, $sql);

                if(mysqli\_num\_rows($result) > 0)

                {

                     while($row = mysqli\_fetch\_array($result))

                     {

                ?>

                <div class="col-md-4">

                     <form method="post" action="phonebuy.php?action=add&id=<?php echo $row["id"]; ?>">

                               <br />

                               <h4 class="text-info"><?php echo $row["Model"]; ?></h4>

                               <h4 class="text-danger">$ <?php echo $row["Price"]; ?></h4>

                               <input type="text" name="quantity" class="form-control" value="1" />

                               <input type="hidden" name="hidden\_model" value="<?php echo $row["Model"]; ?>" />

                               <input type="hidden" name="hidden\_price" value="<?php echo $row["Price"]; ?>" />

                               <input type="submit" name="add\_to\_cart" value="Add to Cart" />

                     </form>

                </div>

                <?php

                     }

                }

                ?>

                <div style="clear:both"></div>

                <br />

                <h3>Order Details</h3>

                <div class="table-responsive">

                     <table class="phonebuy">

                          <tr>

                               <th width="10%">Item Name</th>

                               <th width="5%">Quantity</th>

                               <th width="5%">Price</th>

                               <th width="5%">Total</th>

                               <th width="5%">Action</th>

                          </tr>

                          <?php

                          if(!empty($\_SESSION["shopping\_cart"]))

                          {

                               $total = 0;

                               foreach($\_SESSION["shopping\_cart"] as $keys => $values)

                               {

                          ?>

                          <tr>

                               <td><?php echo $values["item\_model"]; ?></td>

                               <td><?php echo $values["item\_quantity"]; ?></td>

                               <td><?php echo $values["item\_price"]; ?></td>

                               <td><?php echo number\_format($values["item\_quantity"] \* $values["item\_price"], 2); ?></td>

                               <td><a href="phonebuy.php?action=delete&id=<?php echo $values["item\_id"]; ?>"><span class="text-danger">Remove</span></a></td>

                          </tr>

                          <?php

                                    $total = $total + ($values["item\_quantity"] \* $values["item\_price"]);

                               }

                          ?>

                          <tr>

                               <td colspan="3">Total</td>

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

                               <td></td>

                          </tr>

                          <?php

                          }

                          ?>

                     </table>

                </div>

           </div>

           <br />

           <a href="custprofile.php">Go Back</a>

</body>

</html>