

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Fall 2019-2020**

**Project Title: Online Cart System**

**Section: H**

|  |  |
| --- | --- |
| Student Name | Student Id |
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**Online Cart System**

**Project Description:**

We have completed our project named Cart System. In this project, There is a homepage that displays various types of mobile phone as it is called Mobile bazar .When we select an item it will add to the cart and will display a checkout button at a time. But if we don't add anything checkout button will not be shown. We can add, remove items at a time through cart.php page. We can also remove cart at the same time by clicking Clear cart button. By clicking the Checkout button it will give us a form that we need to fill up. we can choice cash on delivery or card payment that the item we want to purchase. If we choice cash on delivery it just needed to fill up the customer's email address. if we want to pay with card, then we need to verify card name and card number at a time. For this we need to sign up first . if we sign up before there will be an option to sign in. For sign in there is a validation process. If it successfully verified then it take us the page of payment success and give a message that my purchase is successfully completed, if we want we can continue our shopping.

**Project Folder Structure:**

Index.php

Cash on delivery

Cart.php

Payment Success.php

**Online cart system**

Checkout.php

Login.php

Card\_payment.php

Config.php

Action.php

Style.css

Signup.php

**Core Modules of the Project:**

***index.php***

<?php

   session\_start();

   if(isset($\_SESSION['uid'])){

       header('location:profile.php');

   }

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Mobile Bazar</title>

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

</head>

<body>

<nav class="navbar navbar-expand-md bg-dark navbar-dark">

  <!-- Brand -->

  <a class="navbar-brand" href="index.php"><i class="fas fa-mobile-alt"></i> &nbsp;&nbsp; Mobile Bazar</a>

  <!-- Toggler/collapsibe Button -->

  <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#collapsibleNavbar">

    <span class="navbar-toggler-icon"></span>

  </button>

  <!-- Navbar links -->

  <div class="collapse navbar-collapse" id="collapsibleNavbar">

    <ul class="navbar-nav ml-auto">

      <li class="nav-item">

        <a class="nav-link active" href="index.php">Products</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="signup.php">Signup</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="login.php">Login</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="cart.php">Cart <span id="cart-item" class="badge badge-danger"></span></a>

      </li>

    </ul>

  </div>

</nav>

 <div class="container">

     <div id="message"></div>

     <div class="row mt-2 pb-3">

         <?php

          include 'config.php';

          $stmt=$conn->prepare("SELECT \* FROM product");

          $stmt->execute();

          $result=$stmt->get\_result();

          while($row=$result->fetch\_assoc()):

         ?>

        <div class="col-sm-6 col-md-4 col-lg-3 mb-2">

            <div class="card-deck">

                <div class="card p-2 border-secondary mb-2">

                    <img src="<?= $row['product\_image']?>" class="card-img-top" height="250">

                   <div class="card-body p-1">

                       <h4 class="card-title text-center text-info"><?= $row['product\_name'] ?></h4>

                       <h5 class="card-text text-center text-danger"><?= number\_format($row['product\_price'],2)?>/-</h5>

                   </div>

                   <div class="card-footer p-1">

                       <form action="" class="form-submit">

                        <input type="hidden" class="pid" value="<?= $row['id'] ?>">

                        <input type="hidden" class="pname" value="<?= $row['product\_name'] ?>">

                        <input type="hidden" class="pprice" value="<?= $row['product\_price'] ?>">

                        <input type="hidden" class="pimage" value="<?= $row['product\_image'] ?>">

                        <input type="hidden" class="pcode" value="<?= $row['product\_code'] ?>">

                        <button class="btn btn-info btn-block addItemBtn"><i class="fas fa-cart-plus"></i>&nbsp; Add To cart</button>

                       </form>

                   </div>

                </div>

            </div>

        </div>

          <?php endwhile; ?>

     </div>

 </div>

   <!-- jQuery library -->

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<!-- Popper JS -->

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

<!-- Latest compiled JavaScript -->

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<script type="text/javascript">

  $(document).ready(function(){

      $(".addItemBtn").click(function(e){

          e.preventDefault();

          var $form = $(this).closest(".form-submit");

          var pid =$form.find(".pid").val();

          var pname =$form.find(".pname").val();

          var pprice =$form.find(".pprice").val();

          var pimage =$form.find(".pimage").val();

          var pcode =$form.find(".pcode").val();

          $.ajax({

              url: 'action.php',

              method: 'post',

              data: {pid:pid,pname:pname,pprice:pprice,pimage:pimage,pcode:pcode},

              success:function(response)

              {

                $('#message').html(response);

                window.scrollTo(0,0);

                load\_cart\_item\_number();

              }

          })

      });

      load\_cart\_item\_number();

      function load\_cart\_item\_number()

      {

          $.ajax(

              {

                  url: 'action.php',

                  method: 'get',

                  data: {cartItem: "cart\_item"},

                  success:function(response)

                  {

                    $('#cart-item').html(response);

                  }

              });

      }

  });

</script>

</body>

</html>

***Cart.php***

<?php

   session\_start();

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Cart</title>

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

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  <a class="navbar-brand" href="index.php"><i class="fas fa-mobile-alt"></i> &nbsp;&nbsp; Mobile Bazar</a>

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  </button>

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    <ul class="navbar-nav ml-auto">

      <li class="nav-item">

        <a class="nav-link " href="index.php">Products</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="signup.php">Signup</a>

      </li>

      <li class="nav-item">

        <a class="nav-link active" href="cart.php">Cart <span id="cart-item" class="badge badge-danger"></span></a>

      </li>

    </ul>

  </div>

</nav>

 <div class="container">

   <div class="row justify-content-center">

    <div class="col-lg-10">

      <div style="display:<?php if(isset($\_SESSION['showAlert'])){echo $\_SESSION['showAlert'];} else{echo 'none';} unset($\_SESSION['showAlert']); ?>" class="alert alert-success alert-dismissible mt-3">

      <button type="button" class="close" data-dismiss="alert">&times;</button>

      <strong><?php if(isset($\_SESSION['message'])){echo $\_SESSION['message'];} unset($\_SESSION['showAlert']);?></strong>

      </div>

     <div class="table-responsive mt-2">

       <table class="table table-bordered table-striped text-center">

        <thead>

        <tr>

         <td colspan='7'>

          <h4 class="text-center text-info m-0">Products in your cart!</h4>

         </td>

        </tr>

        <tr>

           <th>ID</th>

           <th>Image</th>

           <th>Product</th>

           <th>Price</th>

           <th>Quantity</th>

           <th>Total Price</th>

           <th>

               <a href="action.php?clear=all" class="badge-danger badge p-1" onclick="return confirm('Are you sure to clear your cart?');">Clear Cart</a>

           </th>

        </tr>

        </thead>

        <tbody>

            <?php

                require 'config.php';

                $stmt= $conn->prepare('SELECT \* FROM cart');

                $stmt->execute();

                $result= $stmt->get\_result();

                $grand\_total=0;

                while ($row=$result->fetch\_assoc()):

            ?>

            <tr>

                <td><?= $row['id']?></td>

                <input type="hidden" class="pid" value="<?= $row['id']?>">

                <td><img src= "<?=$row['product\_image']?>" width="50"> </td>

                <td><?= $row['product\_name']?></td>

                <td><?= number\_format($row['product\_price'],2);?>/-</td>

                 <input type="hidden" class="pprice" value="<?= $row['product\_price'] ?>">

                <td>

                  <input type="number" class="form-control itemqty" value="<?= $row['quantity'] ?>" style="width:75px;">

                </td>

                <td><?= number\_format($row['total\_price'],2);?>/-</td>

                <td>

                   <a href="action.php?remove=<?=$row['id']?>" class="text-danger lead" onclick="return confirm('Are you sure to remove this item?');">Remove Item</a>

                </td>

            </tr>

            <?php $grand\_total +=$row['total\_price'];  ?>

                <?php endwhile; ?>

             <tr>

                 <td colspan="3">

                     <a href="index.php" class="btn btn-success">Continue Shopping</a>

                 </td>

                 <td colspan="2"><b>Grand Total</b>

                 </td>

                 <td><b><?= number\_format($grand\_total,2);?>/-</b></td>

                 <td>

                 <?php if($grand\_total>1){echo " <a href='checkout.php' class='btn-btn-info'>Checkout</a>";}else{ echo "No product selected";}?>

                 </td>

             </tr>

        </tbody>

       </table>

     </div>

    </div>

   </div>

 </div>

   <!-- jQuery library -->

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<!-- Popper JS -->

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

<!-- Latest compiled JavaScript -->

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<script type="text/javascript">

  $(document).ready(function(){

      $(".itemqty").on('change',function(){

        var $el =$(this).closest('tr');

        var pid = $el.find(".pid").val();

        var pprice = $el.find(".pprice").val();

        var quantity = $el.find(".itemqty").val();

        location.reload(true);

        $.ajax({

          url: 'action.php',

          method:'POST',

          cache: false,

          data: {quantity:quantity,pid:pid,pprice:pprice},

          success: function(response){

          console.log(response);

          }

        })

      });

      load\_cart\_item\_number();

      function load\_cart\_item\_number()

      {

          $.ajax(

              {

                  url: 'action.php',

                  method: 'get',

                  data: {cartItem: "cart\_item"},

                  success:function(response)

                  {

                    $('#cart-item').html(response);

                  }

              });

      }

  });

</script>

</body>

</html>

***Checkout.php***

<?php

  require 'config.php';

  $grand\_total =0;

  $allItems='';

  $items =array();

  $sql ="SELECT CONCAT(product\_name,'(',quantity,')') AS itemqty,total\_price FROM cart ";

  $stmt =$conn->prepare($sql);

  $stmt->execute();

  $result =$stmt->get\_result();

  while($row =$result->fetch\_assoc())

  {

      $grand\_total +=$row['total\_price'];

      $items[] =$row['itemqty'];

  }

  $allItems = implode(",",$items);

  require 'config.php';

if(isset($\_POST['checkout']))

{

    session\_start();

    $mode=$\_POST['payment\_mode'];

     if($mode=='')

     {

      echo "Please Select payment method";

     }

    elseif($mode=='cod')

    {

        $name=$\_POST['name'];

        $email=$\_POST['email'];

        $phone=$\_POST['phone'];

        $address=$\_POST['address'];

        $sql="INSERT INTO checkout (name,email,phone,address,card\_name,card\_number) VALUES ('$name','$email','$phone','$address','NULL','NULL')";

        mysqli\_query($conn,$sql);

        $\_SESSION['name']=$name;

        $\_SESSION['email']=$email;

        $\_SESSION['phone']=$phone;

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

        $\_SESSION['card\_name']=NULL;

        $\_SESSION['card\_number']=NULL;

        header('location:payment\_success.php');

    }

    elseif($mode=='card')

    {

        header("location:card\_payment.php");

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Checkout</title>

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <style>

        footer{

          text-align: center;

        }

    </style>

</head>

<body>

<nav class="navbar navbar-expand-md bg-dark navbar-dark">

  <!-- Brand -->

  <a class="navbar-brand" href="index.php"><i class="fas fa-mobile-alt"></i> &nbsp;&nbsp; Mobile Bazar</a>

  <!-- Toggler/collapsibe Button -->

  <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#collapsibleNavbar">

    <span class="navbar-toggler-icon"></span>

  </button>

  <!-- Navbar links -->

  <div class="collapse navbar-collapse" id="collapsibleNavbar">

    <ul class="navbar-nav ml-auto">

      <li class="nav-item">

        <a class="nav-link " href="index.php">Products</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="signup.php">Signup</a>

      </li>

      <li class="nav-item">

        <a class="nav-link active" href="checkout.php">Checkout</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="cart.php">Cart <span id="cart-item" class="badge badge-danger"></span></a>

      </li>

    </ul>

  </div>

</nav>

 <div class="container">

     <div class="row justify-content-center">

         <div class="col-lg-6 px-4 pb-4">

             <h4 class="text-center text-info p-2">Complete your order</h4>

             <div class="jumbotron p-3 mb-2 text-center">

                 <h6 class="lead"><b>Product(s):</b><?= $allItems;?> </h6>

                 <h6 class="lead"><b>Delivery Charge: </b>Free</h6>

                 <h5><b>Total Amount Payable : </b><?= number\_format($grand\_total,2) ?>/-</h5>

             </div>

             <form action="checkout.php" method="post" id="placeorder" name="placeorder" onsubmit="return validateForm()">

                 <input type="hidden" name="products" value="<?= $allItems;?>">

                 <input type="hidden" name="grand\_total" value="<?= $grand\_total;?>">

                <div class="form-group">

                    <input type="text" name="name" id="name" class="form-control" placeholder="Enter Name" >

                </div>

                <div class="form-group">

                    <input type="email" name="email" id="email" class="form-control" placeholder="Enter Email" >

                </div>

                <div class="form-group">

                    <input type="tel" name="phone" id="phone" class="form-control" pattern="[0]{1}[1]{1}[0-9]{3}-[0-9]{6}" placeholder="Enter phone Number" >

                </div>

                <div class="form-group">

                    <textarea name="address" id="form-control" rows="3" cols="55" placeholder="Enter Address"></textarea>

                </div>

                <h6 class="text-center lead"> Select Payment Mode</h6>

                 <div class="form-group">

                     <select name="payment\_mode" id="payment\_method" class="form-control">

                         <option value=" " selected disabled>Select Payment Mode</option>

                         <option value="cod">Cash on Delivery</option>

                         <option value="card">Card Payment</option>

                     </select>

                 </div>

                  <div class="form-group">

                      <input type="submit" name="checkout" value="place order" class="btn btn-danger btn-block"  >

                  </div>

             </form>

             <script>

                document.getElementById('placeorder').addEventListener('checkout',checkout);

                function checkout(pd)

                {

                  pd.preventdefault();

                  var name =document.getElementById('name').value;

                  var email =document.getElementById('email').value;

                  var phone =document.getElementById('phone').value;

                  var address =document.getElementById('form-control').value;

                  var sn="name="+name;

                  var se="email="+email;

                  var sp="phone="+phone;

                  var sa="address="+address;

                  var req =new XMLHttpRequest();

                  req.open('POST','checkout.php',true);

                  req.setRequestHeader('content-type','application/x-www-form-urlencoded');

                  req.onload =function (){

                  }

                   req.send(sn,se,sp,sa);

                }

                function validateForm() {

                var x = document.forms["placeorder"]["email"].value;

                if (x == "") {

                alert("Email must be filled out");

               return false;

                 }

                }

             </script>

         </div>

     </div>

 </div>

   <!-- jQuery library -->

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      {

          $.ajax(

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                  method: 'get',

                  data: {cartItem: "cart\_item"},

                  success:function(response)

                  {

                    $('#cart-item').html(response);

                  }

              });

      }

  });

</script>

</body>

</html>

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CO2 and CO4 Evaluation: Project Report Evaluation** | | | | | |
| **Completeness**  **(5)** | **Validation**  **(5)** | **Feature Implementation**  **(5)** | **Concept Understanding**  **(5)** | **Promptness (5)** | **Total (25)** |
|  |  |  |  |  |  |
|  | | | | | |