



Cupcakes *Delight*

Avneet Sethi,
Nadiya Noor, and
Samina Hirani

Objective

Create an e-commerce website using HTML, CSS, PHP and MySQL.

Idea

Create an e-commerce website for a cupcake business where a users can buy pre-made cupcakes or create their own.

Live Demo

Work Division

Avneet - <i>UI Designer, Developer, Tester</i>	Nadiya - <i>Developer, Tester</i>	Samina - <i>Developer, Tester</i>
<ul style="list-style-type: none">• HTML, CSS (flexbox)• Slideshow (JS)• Shopping Cart (PHP, SQL)• Forgot Password (PHP, SQL)• Custom Cupcake (JS, PHP, SQL)	<ul style="list-style-type: none">• Individual Cupcake Pages• Billing Details and Payment Pages• Credit Card Detector (JS)• Form Fields Validation (JS)	<ul style="list-style-type: none">• Login - SQL, PHP• Register - SQL, PHP• Sign Out• JS Field Validators• Contact Form - SQL

Sql Tables

Total: 3 Independent
Tables: Users,
Products, ContactInfo

Tables

Users

```
MariaDB [shirani4]> select * FROM Users;
+-----+-----+-----+-----+-----+-----+
| Name      | Email           | Username | Password | Question | Answer   |
+-----+-----+-----+-----+-----+-----+
| Avneet Sethi | avneetsethi@gmail.com | asethi    | asethi123 | Pet Name  | snowy    |
| SAI MOUNIKA | mounikagottipati7@gmail.com | mounika   | codd111   | NULL      | NULL     |
| Nadiya Noor | nnoor@gmail.com   | nnoor     | nnoor123  | City of Birth | atlanta |
| Samina Hirani | shirani@gmail.com | shirani   | shirani123 | City of Birth | somewhere |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

Contact

Form

```
+-----+-----+-----+-----+
| Name      | Email           | Subject | Message
+-----+-----+-----+-----+
| John Doe  | jdoe@gmail.com | Yummy   | Your cupcakes are delicious!
| John Doe  | jdoe@gmail.com | Order   | Has my order been placed?
| nadiya noor | nadiyanoor98@gmail.com | a       | aaaaaaa
| jksdnkvjsnfvk | nadiyanoor98@gmail.com | njkcsbv | nkldfnvoindfvi kn
| ff        | ff               | ff      | ff
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

Products

```
MariaDB [asethi2]> select * FROM Products;
+-----+-----+-----+-----+
| ID | ProductName          | Image           | Price | Inventory |
+-----+-----+-----+-----+
| 1  | Chocolate Vanilla Cupcake | images/Cupcake1.jpeg | 1.5  | 42   |
| 2  | Vanilla Rainbow Sprinkle | NULL            | 1.5  | 68   |
| 3  | Unicorn Cupcake         | NULL            | 2.5  | 101  |
| 4  | Fruity Tooty           | NULL            | 2    | 101  |
| 5  | Triple Chocolate Cupcake | NULL            | 1.75 | 100  |
| 6  | Caramel Pecan Cupcake  | NULL            | 2    | 9    |
| 7  | Custom Cupcake          | NULL            | 1.25 | NULL |
+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

Register.php

<?php

```
MariaDB [shirani4]> select * FROM Users;
+-----+-----+-----+-----+-----+-----+
| Name | Email | Username | Password | Question | Answer |
+-----+-----+-----+-----+-----+-----+
| Avneet Sethi | avneetsethi@gmail.com | asethi | asethi123 | Pet Name | snowy |
| SAI MOUNIKA | mounikagottipati7@gmail.com | mounika | codd111 | NULL | NULL |
| Nadiya Noor | nnoor@gmail.com | nnoor | nnoor123 | City of Birth | atlanta |
| Samina Hirani | shirani@gmail.com | shirani | shirani123 | City of Birth | somewhere |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

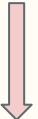
```
include("accountconfig.php");
$name = $_POST['name'];
$email = $_POST['email'];
$un = $_POST['un'];
$pwd = $_POST['pwd'];

$sql = "INSERT INTO Users (Name, Email, Username, Password) VALUES ('$name', '$email', '$un', '$pwd')";

if ($conn->query($sql) === TRUE) {
    echo "<h2 class = 'subtitle' align = 'center'>Account Successfully Created</h2>";
    echo "<p align = 'center'>Please check your email to verify your account details</p>";
} else {
    echo "<h2 class = 'subtitle' align = 'center'>Error. Please Try Again.</h2>";
}

$conn->close();
```

Primary Key



?>

Login.php

```
<?php

include("accountconfig.php");
$un = $_POST["un"];
$pwd = $_POST["pwd"];
$sql = "SELECT Name FROM Users";
$result = $conn->query($sql);

if($result->num_rows > 0) {
    while($row = $result->fetch_assoc()) {
        $_SESSION["name"] = $row["Name"];
        //echo "Welcome " . $row["Name"] . "<br>";
    }
    echo "<br/><br/><h2 class = 'subtitle' align = 'center'>Welcome, " . $_SESSION['name'] . "!" . "</h2>";

//if the session variable is set even if this page is reloaded, display the welcome message
} else if(isset($_SESSION["name"])){
    echo "<br/><br/><h2 class = 'subtitle' align = 'center'>Welcome, " . $_SESSION['name'] . "!" . "</h2>";

//if the session variable is not set / user login info is incorrect, redirect to the account.html page
} else {
    echo '<script>window.location.href = "account.html";</script>';
}

$conn->close();

?>
```

```
MariaDB [shirani4]> select * FROM Users;
+-----+-----+-----+-----+-----+
| Name | Email | Username | Password | Question | Answer |
+-----+-----+-----+-----+-----+
| Avneet Sethi | avneetsethi@gmail.com | asethi | asethi123 | Pet Name | snowy |
| SAI MOUNIKA | mounikagottipati7@gmail.com | mounika | codd111 | NULL | NULL |
| Nadiya Noor | nnoor@gmail.com | nnoor | nnoor123 | City of Birth | atlanta |
| Samina Hirani | shirani@gmail.com | shirani | shiranil23 | City of Birth | somewhere |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

ForgotPassword.php

```
MariaDB [shirani4]> select * FROM Users;
```

Name	Email	Username	Password	Question	Answer
Avneet Sethi	avneetsethi@gmail.com	asethi	asethi123	Pet Name	snowy
SAI MOUNIKA	mounikagottipati7@gmail.com	mounika	codd111	NULL	NULL
Nadiya Noor	nnoor@gmail.com	nnoor	nnoor123	City of Birth	atlanta
Samina Hirani	shirani@gmail.com	shirani	shirani123	City of Birth	somewhere

```
4 rows in set (0.00 sec)
```

Contact.php

Name	Email	Subject	Message
John Doe	jdoe@gmail.com	Yummy	Your cupcakes are delicious!
John Doe	jdoe@gmail.com	Order	Has my order been placed?
nadiya noor	nadiyanoor98@gmail.com	a	aaaaaa
jksdnkvjsnfkv	nadiyanoor98@gmail.com	njkcsbv	nkldfnvoindfvikn
ff	ff	ff	ff

5 rows in set (0.00 sec)

Cart.php

Shopping Cart - MySQL Database



```
MariaDB [asethi2]> select * FROM Products;
+----+-----+-----+-----+-----+
| ID | ProductName           | Image          | Price | Inventory |
+----+-----+-----+-----+-----+
| 1  | Chocolate Vanilla Cupcake | images/Cupcake1.jpeg | 1.5  | 42   |
| 2  | Vanilla Rainbow Sprinkle | NULL           | 1.5  | 68   |
| 3  | Unicorn Cupcake         | NULL           | 2.5  | 101  |
| 4  | Fruity Tooty            | NULL           | 2    | 101  |
| 5  | Triple Chocolate Cupcake| NULL           | 1.75 | 100  |
| 6  | Caramel Pecan Cupcake  | NULL           | 2    | 9    |
| 7  | Custom Cupcake          | NULL           | 1.25 | NULL  |
+----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

Your Items

Product Name	Quantity	Price Details	Total Price	Remove Item
Custom Cupcake	5	\$ 1.25	\$ 6.25	
Vanilla Rainbow Sprinkle	3	\$ 1.5	\$ 4.50	
Triple Chocolate Cupcake	5	\$ 1.75	\$ 8.75	
Total		\$ 19.50		

Continue

Cupcake1.php

Shopping Cart - cupcake1.php

```
MariaDB [asethi2]> select * FROM Products;
+----+-----+-----+-----+-----+
| ID | ProductName | Image | Price | Inventory |
+----+-----+-----+-----+-----+
| 1 | Chocolate Vanilla Cupcake | images/Cupcake1.jpeg | 1.5 | 42 |
| 2 | Vanilla Rainbow Sprinkle | NULL | 1.5 | 68 |
| 3 | Unicorn Cupcake | NULL | 2.5 | 101 |
| 4 | Fruity Tooty | NULL | 2 | 101 |
| 5 | Triple Chocolate Cupcake | NULL | 1.75 | 100 |
| 6 | Caramel Pecan Cupcake | NULL | 2 | 9 |
| 7 | Custom Cupcake | NULL | 1.25 | NULL |
+----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

```
<?php
$sql = "SELECT * FROM Products WHERE ID = 1";
$result = mysqli_query($conn, $sql);
if (mysqli_num_rows($result) > 0) {
    $row1 = mysqli_fetch_array($result);
}
?>
```

```
<form method="post" action="cart.php?action=add&id=<?php echo $row1["ID"]; ?>">
<input type="text" name="quantity" value = "1">
<input type="hidden" name="hidden_name" value="<?php echo $row1["ProductName"]; ?>">
<input type="hidden" name="hidden_price" value="<?php echo $row1["Price"]; ?>">
<input type="hidden" name="hidden_inventory" value="<?php echo $row1["Inventory"]; ?>">
<input type="submit" name="add" style="margin-top: 5px;" value="Add to Cart">
</form>
```

Form Field Validation

```
function checkEmail() {
    var patt = /^[A-Za-z]+[0-9]+@[a-z]+\.[a-z]{2,3}$/;
    var email = document.getElementById("email").value;
    document.getElementById("echeck1").value = "";

    if(patt.test(email) == false) {
        document.getElementById("echeck").innerHTML = "Invalid Input";
        document.getElementById("echeck1").value = "Invalid Input";
    } else {
        document.getElementById("echeck").innerHTML = "";
    }
}
```

```
<?php
    $fcheck1 = $_POST['fcheck1'];
    $echeck1 = $_POST['echeck1'];
    $pcheck1 = $_POST['pcheck1'];
    $confirmcheck1 = $_POST['confirmcheck1'];

    if ($fcheck1 != "" || $echeck1 != "" || $pcheck1 != "" || $confirmcheck1 != "") {
        header('location: account.html');
```

Test Cases

1. Does the page reload if invalid fields in the form are submitted?
2. Does the corresponding item get added to cart after selecting the Add to Cart button?
3. Does the corresponding item get deleted from the cart after selecting the bin icon?
4. Does account.html redirect to login.php if a user has already logged in?
5. Does the error message display after registering an account with the same username?

The Glitches

- Billing Details and Credit Card Info are not linked to a database
- Adding items to cart does not decrease number in the Inventory
- Custom Cupcakes order info is not linked to a database

html + css + js

Work Division - Aneet

Nav Bar - JavaScript

```
var mainNav = document.getElementById('mainNav');
var navBarToggle = document.getElementById('navBarToggle');

navBarToggle.addEventListener('click', function () {
    mainNav.classList.toggle('navActive');
});

.navActive {
    display: block;
}
```

Cupcakes Delight



Home

Products

Custom Design

Contact Us

Account



Work Division - Aneet

Slideshow - HTML

Cupcakes Delight

Home Products Custom Design About Us Contact Us Account



```
<div class = "wrap">
  <div id = "slider">
    <div class = "slide slide1 fade">
      <div class = "slide-caption">
        |   <b><span>Chocolate</span></b>
      </div>
    </div>
    <div class = "slide slide2 fade">
      <div class = "slide-caption">
        |   <b><span>Raspberry</span></b>
      </div>
    </div>
    <div class = "slide slide3 fade">
      <div class = "slide-caption">
        |   <b><span>Champagne</span></b>
      </div>
    </div>
  </div>
  <div id = "arrow-left" class = "arrow"></div>
  <div id = "arrow-right" class = "arrow"></div>
</div>
```

Work Division - Aneet

Slideshow - CSS

```
#slider, .wrap, .slide-caption {  
    margin: 0;  
    padding: 0;  
    width: 100%;  
    height: 91vh;  
    overflow-x: hidden;  
    background-color: rgb(0,0,0,0.2);  
}  
  
.wrap{  
    position: relative;  
}  
  
.slide {  
    background-size: cover;  
    background-position: center;  
    background-repeat: no-repeat;  
}  
  
.slide1 {  
    background-image: url("images/chocolate_cupcake.jpeg");  
}
```

```
.slide-caption {  
    display: -webkit-box;  
    display: -moz-box;  
    display: -ms-flexbox; /*Internet Explorer 10*/  
    display: -webkit-flex;  
    display: flex;  
    flex-direction: column;  
    justify-content: center;  
    align-items: center;  
}  
  
.slide-caption span {  
    font-family: 'Satisfy', cursive;  
    text-align: center;  
    font-size: 60px;  
    color: white;  
}  
  
.arrow {  
    cursor: pointer;  
    position: absolute;  
    top: 50%;  
    margin-top: -35px;  
    width: 0;  
    height: 0;  
    border-style: solid;  
}  
  
.arrow-left {  
    border-width: 30px 40px 30px 0; /*top right bottom left*/  
    border-color: transparent #ffffff transparent transparent;  
    left: 0;  
    margin-left: 30px;  
}  
  
.fade {  
    -webkit-animation-name: fade;  
    -webkit-animation-duration: 2.0s;  
    animation-name: fade;  
    animation-duration: 2.0s;  
}  
  
@-webkit-keyframes fade {  
    from {opacity: .4}  
    to {opacity: 1}  
}
```

Work Division - Aneet

Slideshow - JavaScript

```
var slideshowImages = document.querySelectorAll('.slide');
var arrowLeft = document.getElementById('arrow-left');
var arrowRight = document.getElementById('arrow-right');
var current = 0;

arrowLeft.addEventListener('click', goBack);
arrowRight.addEventListener('click', goForward);

function hideSlides() {
    for(var i = 0; i < slideshowImages.length; i++) {
        slideshowImages[i].style.display = 'none';
    }
}

function showSlide(currentSlide) {
    hideSlides();
    slideshowImages[currentSlide].style.display = 'block';
}
```

```
function goBack() {
    current = current - 1;
    if(current < 0) {
        current = slideshowImages.length - 1;
    }
    showSlide(current);
}

function goForward() {
    current = current + 1;
    if(current == slideshowImages.length) {
        current = 0;
    }
    showSlide(current);
}

function runAutomatic() {
    goForward();
    setTimeout(function() {
        runAutomatic();
    }, 7000);
}

runAutomatic();
```

Work Division - Avneet

Create Your Own Cupcake

```
<p><b>Select a Cake</b></p>
<select id="selectedCake" name = "Cake" onchange="selectCakeBase() ">
  <option>None</option>
  <option value="0">Vanilla</option>
  <option value="1">Lemon</option>
  <option value="2">Chocolate</option>
  <option value="3">Red Velvet</option>
</select>
```

```
<div class = "itemsCustomize" style = "background-color: #f4c3c3; padding-top: 90px;">
  <div id="showTopping"></div>
  <div id="showFrosting"></div>
  <div id="showCake"></div>
</div>
```

Select a Cake

Vanilla

onchange = selectCakeBase()

Select a Frosting

Chocolate

selectFrosting()

Select a Topping

Peanuts

selectTopping()

Submit



Work Division - Aneet

Create Your Own Cupcake

```
<div class = "itemsCustomize" style = "background-color: #f4c3c3; padding-top: 90px;">
    <div id="showTopping"></div>
    <div id="showFrosting"></div>
    <div id="showCake"></div>
</div>

function selectCakeBase() {

    var cakeBases = ["images/vanillaCake.png", "images/lemonCake.png",
        "images/chocolateCake.png", "images/velvetCake.png"];
    var selectedCake = document.getElementById("selectedCake").value;
    var cakeDisplay = "<img width = 375px height = 250px src =\""
    + cakeBases[selectedCake] + "\">";

    showCake.innerHTML = cakeDisplay;
}
```

```
#showTopping{
    position: absolute;
    z-index: 8;
}

#showFrosting{
    position: absolute;
    z-index: 4;
}

#showCake{
    position: absolute;
    z-index: 1;
    bottom: 0px;
}
```

Work Division - Nadiya



Products Page - HTML

```
<div class = "productsContainer">
  <div class="product">
    <div class="cupcake1 shrink">
      <div class="name" align=center> Chocolate Vanilla Cupcake </div>
      <div class="price" align=center> $1.50 </div>
      <button type="button" onClick="location.href='cupcake1.html'"></button>
    </div>
  </div>

  <div class="product">
    <div class="cupcake2 shrink">
      <div class="name" align=center> Vanilla Rainbow Sprinkle </div>
      <div class="price" align=center> $1.50 </div>
      <button type="button" onclick="info2.html"></button></div>
    </div>
```



Work Division - Nadiya

Products Page - CSS

```
.productsContainer{  
    display: -webkit-box;  
    display: -moz-box;  
    display: -ms-flexbox; /*Internet Explorer 10*/  
    display: -webkit-flex;  
    display: flex;  
    justify-content: space-evenly;  
    flex-flow: row wrap;  
    align-items: center;  
}  
  
.product {  
    display: -webkit-box;  
    display: -moz-box;  
    display: -ms-flexbox; /*Internet Explorer 10*/  
    display: -webkit-flex;  
    display: flex;  
    width: 350px;  
    height: 400px;  
    flex-flow: column wrap;  
    align-items: center;  
    margin: 20px;  
}
```

```
.name, .price{  
    background-color: #f4c3c3;  
    color: black;  
    font-size: 25px;  
}  
  
.name {  
    font-family: 'Satisfy', cursive;  
    font-size: 25px;  
    font-weight: bold;  
}  
/*Set the cupcake image for the 6 cupcakes*/  
.cupcake1 {  
    width: 350px;  
    height: 400px;  
    background-image:url('images/Cupcake1.jpeg');  
    background-repeat: no-repeat;  
    background-size:cover;  
}
```

Animation on Hover

```
.shrink {  
    -webkit-transition: width .2s, height .2s, ease-in-out;  
    transition: all .2s ease-in-out; /*slow start slow end */  
}  
  
.shrink:hover {  
    -webkit-transform:scale(0.9, 0.9);  
    transform: scale(0.9, 0.9);  
}
```

Work Division - Nadiya

Individual Cupcake Page



Products

<p>Quantity: </p>

<input type="number" name="quantity" min=0>

**
**

Chocolate Vanilla Cupcake



Our popular chocolate vanilla cupcake is layered with lemon curd, whipped cream, fresh raspberries and raspberry preserves. Finished with white and milk chocolate cream cheese icing.

Price: \$1.50 each

Quantity:

Add to Cart

Work Division - Samina

Forms for
Contact and
Account Pages



Your Account

Create an Account

First NameLast NameEmailPasswordConfirm Password

Submit

Sign-In

EmailPassword

Submit

Work Division - Samina

Forms for Contact and Account Pages

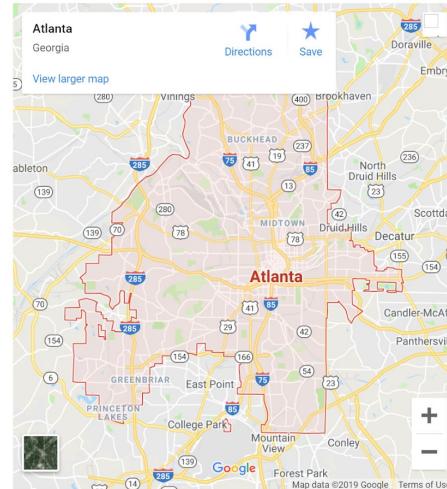


Contact Us

Invalid Input

*Required Field

*Required Field



Work Division - Samina

Forms for Contact and Account Pages - HTML

```
<div class = "accountContainer">

    <div class = "formItem" style = "justify-content: space-evenly;">
        <h2 class = "subtitle">Create an Account</h2>

        <div><form action = ""></div>

        <input type = "text" id = "firstName" name = "First Name" placeholder = "First Name" onchange = "checkFirstName() ;">
        <div id = "fcheck" style = "color: #f98181;"></div>

        <input type = "text" id = "lastName" name = "Last Name" placeholder = "Last Name" onchange = "checkLastName() ;">
        <div id = "lcheck" style = "color: #f98181;"></div>

        <input type = "text" id = "email" placeholder = "Email" onchange = "checkEmail() ;">
        <div id = "echeck" style = "color: #f98181;"></div>

        <input type = "password" id = "password" placeholder = "Password">
        <div></div>

        <input type = "password" id = "confirmPassword" placeholder = "Confirm Password" onchange = "checkPassword() ;">
        <div id = "pcheck" style = "color: #f98181;"></div>

        <input class = "submitButton" type = "Submit">
    </form>
</div>
```

Work Division - Samina

Forms for Contact and Account Pages - JavaScript

```
function checkFirstName() {
    var patt = /^[A-Za-z]+$/;
    var name = document.getElementById("firstName").value;

    if(name === "") {
        document.getElementById("fcheck").innerHTML = "*Required Field";
    }else if(patt.test(name) == false) {
        document.getElementById("fcheck").innerHTML = "Invalid Input";
    }else {
        document.getElementById("fcheck").innerHTML = "";
    }
}

function checkPassword() {
    var pass = document.getElementById("password").value;
    var confirmPass = document.getElementById("confirmPassword").value;
    if(pass != confirmPass) {
        document.getElementById("pcheck").innerHTML = "Passwords do not match";
    }
}
```

Resources

- Tutorial for creating a responsive slideshow:
<https://youtu.be/7ZO2RTMNSAY>
- w3Schools, StackOverflow
- Creating a Responsive Nav Bar:
<https://itnext.io/how-to-build-a-responsive-navbar-using-flexbox-and-javascript-eboaf24f19bf>

php

Work Division - Samina

register.php

```
<?php

include("accountconfig.php");
$name = $_POST['name'];
$email = $_POST['email'];
$un = $_POST['un'];
$pwd = $_POST['pwd'];

$sql = "INSERT INTO Users (Name, Email, Username, Password) VALUES ('$name', '$email', '$un', '$pwd')";

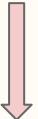
if ($conn->query($sql) === TRUE) {
    echo "<h2 class = 'subtitle' align = 'center'>Account Successfully Created</h2>";
    echo "<p align = 'center'>Please check your email to verify your account details</p>";
} else {
    echo "<h2 class = 'subtitle' align = 'center'>Error. Please Try Again.</h2>";
}

$conn->close();

?>
```

```
MariaDB [shirani4]> select * FROM Users;
+-----+-----+-----+-----+
| Name      | Email        | Username | Password |
+-----+-----+-----+-----+
| Nadiya Noor | nnoor@gmail.com | nadiya   | nadiya123 |
| Samina Hirani | shirani@gmail.com | samina   | samina123 |
| Avneet     | test@gmail.com | test     | avneet98  |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

Primary Key



Work Division - Samina

login.php

```
<?php

include("accountconfig.php");
$un = $_POST["un"];
$pwd = $_POST["pwd"];
$sql = "SELECT Name FROM Users WHERE Username='$un' AND Password='$pwd'";
$result = $conn->query($sql);

if($result->num_rows > 0) {
    while($row = $result->fetch_assoc()) {
        $_SESSION["name"] = $row["Name"];
        //echo "Welcome " . $row["Name"] . "<br>";
    }
    echo "<br/><br/><h2 class = 'subtitle' align = 'center'>Welcome, " . $_SESSION['name'] . "!" . "</h2>";

//if the session variable is set even if this page is reloaded, display the welcome message
} else if(isset($_SESSION["name"])){
    echo "<br/><br/><h2 class = 'subtitle' align = 'center'>Welcome, " . $_SESSION['name'] . "!" . "</h2>";

//if the session variable is not set / user login info is incorrect, redirect to the account.html page
} else {
    echo '<script>window.location.href = "account.html";</script>';
}

$conn->close();

?>
```

```
MariaDB [shirani4]> select * FROM Users;
+-----+-----+-----+-----+
| Name      | Email       | Username | Password |
+-----+-----+-----+-----+
| Nadiya Noor | nnoor@gmail.com | nadiya   | nadiya123 |
| Samina Hirani | shirani@gmail.com | samina   | samina123 |
| Avneet     | test@gmail.com | test     | avneet98  |
+-----+-----+-----+-----+
```

Work Division - Samina

login.php

The following code displays the user's name on the page and on the nav bar only on login.php. It also directs "Account" to login.php.

```
<li>
    <a href="login.php" class="nav-links linkActive">Account</a>
</li>
<li><a href="" class="nav-links"><?php echo "Welcome, " . $_SESSION["name"] . "!" ; ?></a>
</li>
<li>
    <a href="cart.php" class="nav-links"><i class="fas fa-shopping-cart"></i></a>
</li>
```

Work Division - Samina

logout.php

The following code redirects the user to the home page after destroying the session variables.

```
<?php
    echo '<script>window.location.href = "index.html";</script>';
    session_start();
    // remove all session variables
    session_unset();

    // destroy the session
    session_destroy();
?>
<html>
<body>
<script>
</body>
</html>
```

Work Division - Aneet

Shopping Cart - cartconfig.php

```
//If the 'Add to Cart' button is clicked, execute the following code
if (isset($_POST["add"])){
    if (isset($_SESSION["cart"])){

        //If the cart already contains items, then check to see
        //if the current item is already in the cart.

        $item_array_id = array_column($_SESSION["cart"], "productID");

        //If the item is not in the cart, add it to the end of the
        //cart/the $_SESSION["cart"] array.
        if (!in_array($_GET["id"], $item_array_id)){
            $count = count($_SESSION["cart"]);
            $item_array = array(
                'productID' => $_GET["id"], //Gets the item's id from the URL
                'productName' => $_POST["hidden_name"],
                'productPrice' => $_POST["hidden_price"],
                'productInventory' => $_POST["hidden_inventory"],
                'productQuantity' => $_POST["quantity"],
            );
            $_SESSION["cart"][$count] = $item_array;
            //Each time an item is added to cart, go to the cart page.
            echo '<script>window.location="cart.php"</script>';
        }
    }
}
```

Adding items to the cart
when it already contains
items other than the item
being added

Work Division - Aneet

Shopping Cart - cartconfig.php

```
 }else{
    //The item is already in the cart.
    echo '<script>alert("Product has already been added to cart.")</script>';
    echo '<script>window.location="cart.php"</script>';
}
}else{

//If the cart is empty, this should be the first item added to the
//$_SESSION["cart"] array.

$item_array = array(
    'productID' => $_GET["id"],
    'productName' => $_POST["hidden_name"],
    'productPrice' => $_POST["hidden_price"],
    'productInventory' => $_POST["hidden_inventory"],
    'productQuantity' => $_POST["quantity"],
);
$_SESSION["cart"][0] = $item_array;
}
```

Adding items
to the cart
when it is
empty.

Work Division - Aneet

Shopping Cart - cartconfig.php

```
//URL for deleting an item from the cart:  
//<a href="cart.php?action=delete&id=<?php echo $value["productID"]">  
if (isset($_GET["action"])) {  
    if ($_GET["action"] == "delete") {  
        foreach ($_SESSION["cart"] as $keys => $value) {  
            if ($value["productID"] == $_GET["id"]) {  
                $productIDReference = $value["productID"];  
                $productInventoryReference = $value["productInventory"];  
                $productQuantityReference = $value["productQuantity"];  
  
                //Remove the item and its fields from the $_SESSION["cart"]  
                unset($_SESSION["cart"][$keys]);  
  
                //Increment the inventory in the database by quantity after removing the item  
                $sql = "UPDATE Products SET Inventory = " . ($productInventoryReference +  
                    $productQuantityReference) . " WHERE ID = " . $productIDReference;  
                $result = mysqli_query($conn, $sql);  
  
                //Reload cart.php page  
                echo '<script>window.location="cart.php"</script>';  
            }  
        }  
    }  
}
```

Deleting an item from the cart and not the entire array holding the items.

Work Division - Aoneet

Shopping Cart - MySQL Database



Caramel Pecan Cupcake



This pecan cupcake is made with a moist vanilla and cinnamon cupcake plenty of toasted butter pecans. It's topped with light cinnamon and sweet caramel.

Price: \$2.00 each

Low In Stock

Database changed					
MariaDB [asethi2]> select * FROM Products;					
ID	ProductName	Image	Price	Inventory	
1	Chocolate Vanilla Cupcake	images/Cupcake1.jpeg	1.5	30	
2	Vanilla Rainbow Sprinkle	NULL	1.5	67	
3	Unicorn Cupcake	NULL	2.5	101	
4	Fruity Tooty	NULL	2	101	
5	Triple Chocolate Cupcake	NULL	1.75	100	
6	Caramel Pecan Cupcake	NULL	2	100	

6 rows in set (0.00 sec)

Work Division - Aoneet

Shopping Cart - cupcake1.php

```
<?php  
$sql = "SELECT * FROM Products WHERE ID = 1";  
    $result = mysqli_query($conn, $sql);  
    if (mysqli_num_rows($result) > 0) {  
        $row1 = mysqli_fetch_array($result);  
    }  
?  
  
<form method="post" action="cart.php?action=add&id=<?php echo $row1["ID"]; ?>">  
    <input type="text" name="quantity" value = "1">  
    <input type="hidden" name="hidden_name" value="<?php echo $row1["ProductName"]; ?>">  
    <input type="hidden" name="hidden_price" value="<?php echo $row1["Price"]; ?>">  
    <input type="hidden" name="hidden_inventory" value="<?php echo $row1["Inventory"]; ?>">  
    <input type="submit" name="add" style="margin-top: 5px;" value="Add to Cart">  
</form>
```

Get the info for each cupcake by selecting the corresponding row.

Work Division - Aoneet

Shopping Cart - cart.php - Displaying the Table

```
<h2 class="subtitle" align = "center">Your Items</h2>
<table cellpadding = "20">
    <tr>
        <th>Product Name</th>
        <th>Quantity</th>
        <th>Price Details</th>
        <th>Total Price</th>
        <th>Remove Item</th>
    </tr>

    <?php
        if(!empty($_SESSION["cart"])){
            $total = 0;
            foreach ($_SESSION["cart"] as $key => $value) {
    ?>

    <tr>
        <td align = "center"><?php echo $value["productName"]; ?></td>
        <td align = "center"><?php echo $value["productQuantity"]; ?></td>
        <td align = "center">$ <?php echo $value["productPrice"]; ?></td>
        <td align = "center">
            $ <?php echo number_format($value["productQuantity"] * $value["productPrice"], 2); ?></td>
        <td align = "center"><a href="cart.php?action=delete&id=<?php echo $value["productID"]; ?>">
            <span><i class="fas fa-trash"></i></span></a></td>
    </tr>

```

For each item in the
\$_SESSION["cart"] array, display the
value in each of its fields

Work Division - Nadiya

Auto-Detecting Credit Card Type and Payment.html

```
function checkCard() {
    var cardNo = document.getElementById("cardNo").value;
    var masterPatt = /^(?:5[1-5]) [0-9]{14}$/;
    var visaPatt = /^4[0-9]{15}$/;
    var amexPatt = /^3[47][0-9]{13}$/;
    var discoverPatt = /^6(?:011|5[0-9]{2}) [0-9]{12}$/;

    var mastercard = cardNo.match(masterPatt);
    var visa = cardNo.match(visaPatt);
    var amex = cardNo.match(amexPatt);
    var discover = cardNo.match(discoverPatt);

    if(cardNo === "") {
        document.getElementById("ccheck").innerHTML = "*Required Field";
    }else {
        document.getElementById("ccheck").innerHTML = "";
    }

    if(cardNo != "") {
        if (mastercard != null){
            document.getElementById("cardName").innerHTML = 'MasterCard';
        }else if (visa != null){
            document.getElementById("cardName").innerHTML = 'Visa';
        }else if (amex != null){
            document.getElementById("cardName").innerHTML = 'American Express';
        }else if (discover != null){
            document.getElementById("cardName").innerHTML = 'Discover';
        }else{
            document.getElementById("ccheck").innerHTML = 'Not a valid card number';
        }
    }
}
```



Payment

Card Information

Name on Card
5275123412342222
MasterCard
Exp. MM
/ Exp. YY
Security Code

Contact Information

Address
Billing Address
Phone Number
Complete Order

Confirmation

Work Division - Nadiya

completeOrder.php

```
<?php  
  
session_start();  
  
//After completing the purchase, the items should  
//be removed from the cart.  
unset($_SESSION["cart"]);  
  
?>  
  
<div align = "center"> <?php echo "Hi, " . $_SESSION['name'] . "!" ; ?> Thank you for your order.  
It will be ready by tomorrow. </div>  
  
</br></br>  
  
<div align = "center"> Your order confirmation number is: <?php echo rand(1000,4000) ?>. </div>  
  
</br></br>  
  
<h2 class="subtitle" align = "center">Want more cupcakes? Check these out!</h2>  
  
</br></br></br>
```



Hi, Avneet! Thank you for your order. It will be ready by tomorrow.

Your order confirmation number is: 3357.

Want more cupcakes? Check these out!



Work Division - Nadiya

Individual Cupcake Pages



Chocolate Vanilla Cupcake



Unicorn Cupcake

Our special unicorn cupcake is made with a vanilla and white chocolate cake. It's topped with white vanilla frosting and decorated with unicorn horns and gold edible sparkles.

Price: \$2.50 each

[Add to Cart](#)



Our popular chocolate vanilla cupcake is layered with lemon curd, whipped cream, fresh raspberries and raspberry preserves. Finished with white and milk chocolate cream cheese icing.

Price: \$1.50 each

Quantity:

[Add to Cart](#)

Resources

- Tutorial for creating a shopping cart:
<https://www.youtube.com/watch?v=IO5ezsURqyg&t=135s>
- w3Schools, StackOverflow
- In-class login and register pages (BLESS)

The End