

Section 9 WebAdmin and Dynamic Sites

Day 1:

This next project will explore making a dynamic site that end users can update and maintain while not actually altering the HTML. Our example will be for a restaurant owner to post their events and menu and build on the concepts from the previous sections.

Let's start this with a template to add a nice look and feel work with:

<http://startbootstrap.com/>

Browse all Templates

Check out Business Casual

<http://startbootstrap.com/template-overviews/business-casual/>

Try the live preview:

<http://blackrockdigital.github.io/startbootstrap-business-casual/>

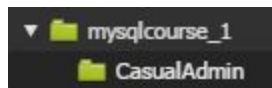
 Live Preview



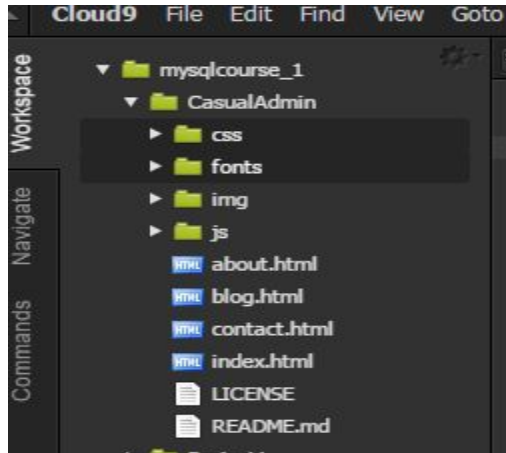
Download the site:

 Download

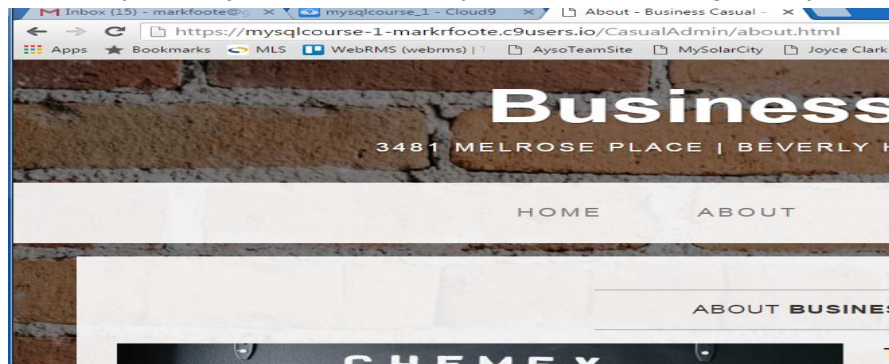
Create a new folder in c9.io named CausalAdmin



Unzip the bootstrap template and drag and drop contents into CasualAdmin folder:



Now run your project, and see that you are now running a copy of that site in your own env.



Rename index.html to index.php and test that index.php works.

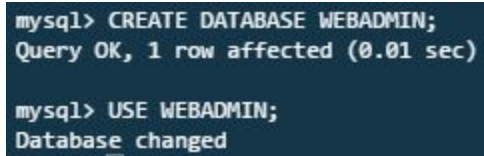
Once you rename, index.php, the navigation some of the links will hit Not Found errors since the urls are still pointing to index.php. If you want, find and replace index.html with index.php in various pages, but it's not necessary.

Not Found

The requested URL `/CausalAdmin2/index.html` was not found on this server.

Now, create the database:

```
CREATE DATABASE WEBADMIN;  
USE WEBADMIN;
```



```
mysql> CREATE DATABASE WEBADMIN;  
Query OK, 1 row affected (0.01 sec)  
  
mysql> USE WEBADMIN;  
Database changed
```

Let's make some basic tables;

```
CREATE TABLE `Content` (  
  `Content_ID` int(11) NOT NULL AUTO_INCREMENT,  
  `Nav_ID` int(11) NOT NULL,  
  `ContentTitle` varchar(100) DEFAULT NULL,  
  `Content` varchar(4000) NOT NULL,  
  `BeginDisplay` date DEFAULT NULL,  
  `EndDisplay` date DEFAULT NULL,  
  `Enabled` tinyint(1) NOT NULL,  
  `Display_Order` int(11) NOT NULL,  
  PRIMARY KEY (`Content_ID`)  
);
```

```
CREATE TABLE `Nav` (  
  `Nav_ID` int(11) NOT NULL AUTO_INCREMENT,  
  `Nav_Title` varchar(50) NOT NULL,  
  `Display_Order` int(11) NOT NULL,  
  PRIMARY KEY (`Nav_ID`)  
);
```

```
CREATE TABLE `SiteConfig` (  
  `SiteConfig_ID` int(11) NOT NULL AUTO_INCREMENT,  
  `ConfigName` varchar(50) NOT NULL,  
  `BEGDT` date DEFAULT NULL,  
  `ENDDT` date DEFAULT NULL,  
  `ShortTextValue` varchar(100) DEFAULT NULL,  
  `NumValue` int(11) DEFAULT NULL,  
  PRIMARY KEY (`SiteConfig_ID`)  
);
```

```
CREATE TABLE `User_Dfn` (  
  `User_ID` int(11) NOT NULL AUTO_INCREMENT,  
  `username` varchar(20) NOT NULL,  
  `pwd` varchar(40) NOT NULL,  
  PRIMARY KEY (`User_ID`)  
);
```

As with the other projects make a config.php file

```
<?php
/*Configuration Settings*/

define('DB_HOST', 'localhost'); /*Database Server*/
define('DB_NAME', 'WEBADMIN'); /*Database Name*/
define('DB_USER', 'root'); /*Database Username*/
define('DB_PWD', ''); /*Database Password*/

?>
```

And an SQLFunctions.php file

```
<?php
include('config.php');

/*Opens connection to database with credentials*/
function connectDB() {
    $link = new mysqli(DB_HOST, DB_USER, DB_PWD, DB_NAME);
    if ($link->connect_error) {
        die("Connection failed: " . $link->connect_error);
    }
    /*echo "<br>Connected successfully"; */
    return $link;
}

?>
```

Day 2:

Just Like the CRUD Project, we will use a Session file, Login, LoginSubmit, and Logout. Just copy the example PHP.

```
session.php  
Login.php  
LoginSubmit.php  
Logout.php  
AddUser.php  
AddUserSubmit.php
```

See the Next few pages for the full code of the above listed files.

session.php

```
<?php
session_start();

if(!isset($_SESSION['user_id']))
{
    /* Redirect If Not Logged In */
    header("Location: Login.php");
    exit; /* prevent other code from being executed*/
} else {
    if ($_SESSION['timeout'] + 10 * 60 < time()) {
        /* session timed out */
        header("Location: Logout.php");
    } else {
        $_SESSION['timeout'] = time();
        echo "<div align='right'>";
        echo "  <a href='AdminIndex.php'>Preview</a>";
        echo "  <a href='index.php'>Home</a>";
        echo "  <a href='Logout.php'>Log Out</a>";
        echo "  <a href='AddUser.php'>Create User</a>";
        echo "  <a href='EditNavMenu.php'>Navigation Menu</a>";
        echo "  <a href='EditContentMenu.php'>Content Menu</a>";
        echo "  <a href='SiteConfigMenu.php'>Site Config Menu</a>";
        echo "</div>";
    }
}
?>
```

Login.php

```
<html>
<head>
<title>WebAdmin</title>
</head>

<body>
  <h2>WebAdmin</h2>
  <form action="LoginSubmit.php" method="post">
    <fieldset>
      <p>
        <label>Username</label>
        <input type="text" name="username" value="" maxlength="20" />
      </p>
      <p>
        <label>Password</label>
        <input type="password" name="pwd" value="" maxlength="20" />
      </p>
      <p>
        <input type="submit" value="Login" />
      </p>
    </fieldset>
  </form>
</body>
</html>
```


LoginSubmit.php

```
<?php
include('SQLFunctions.php');
session_start();

/* Check if the user is already logged in */
if(isset( $_SESSION['user_id'] ))
{
    $message = 'Users is already logged in';
}
/* Check that username and password are populated */
if(!isset( $_POST['username'], $_POST['pwd']))
{
    $message = 'Please enter a valid username and password';
}
/* Check username length */
elseif (strlen( $_POST['username'] ) > 20 || strlen($_POST['username']) < 4)
{
    $message = 'Incorrect Length for Username';
}
/* Check password length */
elseif (strlen( $_POST['pwd'] ) > 20 || strlen($_POST['pwd']) < 4)
{
    $message = 'Incorrect Length for Password';
}
/* Check username for alpha numeric characters */
elseif (ctype_alnum($_POST['username']) != true)
{
    $message = "Username must be alpha numeric";
}
/* Check password for alpha numeric characters */
elseif (ctype_alnum($_POST['pwd']) != true)
{
    $message = "Password must be alpha numeric";
}
else
{
    /* Store username and pwds as variables*/
    $username = filter_var($_POST['username'], FILTER_SANITIZE_STRING);
    $pwd = filter_var($_POST['pwd'], FILTER_SANITIZE_STRING);

    /* Encrypt password with sha1*/
    $pwd = sha1( $pwd );

    try
    {
        /*Connect to the database*/
        $link = connectDB();

        /* Prep SQL */
        $sql = "SELECT User_ID FROM User_Dfn WHERE username = '". $username. "' AND pwd =
        '". $pwd. "'";
        /*echo $sql."<br>";*/
        if($result=mysqli_query($link,$sql))
        {
            while($row = mysqli_fetch_assoc($result)) {
                $user_id = $row['User_ID'];
            }
        }
    }
}
```

```

        /*echo "<br>user_id=".$user_id;*/

        /* Set the session user_id parameter */
        $_SESSION['user_id'] = $user_id;
        $_SESSION['timeout'] = time();
        header("Location: AdminIndex.php");
        $message = 'You are now logged in';
    }
}

if($user_id == false)
{
    $message = 'Login Failed';
}

}
catch(Exception $e)
{
    $message = 'Unable to process request';
}
}
?>

<html>
<head>
<title>LoginSubmit</title>
</head>
<body>
<p><?php echo $message; ?>
</body>
</html>

```

Logout.php

```
<?php
include('session.php');

session_start();

// Unset all of the session variables.
session_unset();

// Destroy the session.
session_destroy();
?>
<html>
  <head>
    <title>Logged Out</title>
  </head>
  <body>
    <h1>You are now logged out.</h1>
  </body>
</html>
```

AddUser.php

```
<?php
include('session.php');

/* begin our session */
session_start();
?>

<html>
<head>
    <title>Add New User</title>
</head>

<body>
<h2>Add New User</h2>
<form action="AddUserSubmit.php" method="post">
    <fieldset>
        <p>
            <label>Username</label>
            <input type="text" name="username" value="" maxlength="20" required/>
            <i>(4-20 characters)</i>
        </p>
        <p>
            <label>Password</label>
            <input type="password" name="pwd" value="" maxlength="20" required/>
            <i>(4-20 characters)</i>
        </p>
        <p>
            <input type="submit" value="Add User" />
        </p>
    </fieldset>
</form>
</body>
</html>
```

AddUserSubmit.php

```
<?php
include('SQLFunctions.php');
include('session.php');
session_start();

/* Check that username, password and token are populated*/
if(!isset( $_POST['username'], $_POST['pwd']))
{
    $message = 'Please enter a valid username and password';
}
/* Check username length */
elseif (strlen( $_POST['username']) > 20 || strlen($_POST['username']) < 4)
{
    $message = 'Incorrect Length for Username';
}
/* Check password length */
elseif (strlen( $_POST['pwd']) > 20 || strlen($_POST['pwd']) < 4)
{
    $message = 'Incorrect Length for Password';
}
/* Check the username for alpha numeric characters */
elseif (ctype_alnum($_POST['username']) != true)
{
    $message = "Username must be alpha numeric";
}
/* Check the password for alpha numeric characters */
elseif (ctype_alnum($_POST['pwd']) != true)
{
    $message = "Password must be alpha numeric";
}
else
{
    /* Store username and pwds as variable */
    $username = filter_var($_POST['username'], FILTER_SANITIZE_STRING);
    $pwd = filter_var($_POST['pwd'], FILTER_SANITIZE_STRING);

    /* Encrypt password with sha1 */
    $pwd = sha1( $pwd );

    try
    {
        /*Connect to the database*/
        $link = connectDB();

        /*** Check that username doesn't already exist ***/
        $sql = "SELECT 1 FROM User_Dfn WHERE username = '". $username. "'";
        if($result=mysqli_query($link,$sql))
        {
            if(mysqli_num_rows($result)>=1) {
                echo"Username already exists";
            } else {
                /* Prepare the insert */
                $sql = "INSERT INTO User_Dfn (username, pwd ) VALUES ( '". $username. "',
                '". $pwd. "')";
                if (mysqli_query($link, $sql)) {
                } else { echo "<br>Error: " . $sql . "<br>" . mysqli_error($link); }
            }
        }
    }
}
```

```
        $message = 'New user added';
    }
}
}
catch(Exception $e)
{
    $message = 'Unable to process request';
}
}
?>
```

```
<html>
<head>
<title>Add New User</title>
</head>
<body>
<p><?php echo $message; ?>
</body>
</html>
```

Day 3:

New to this project is an AdminIndex.php, just put the following contents in it:

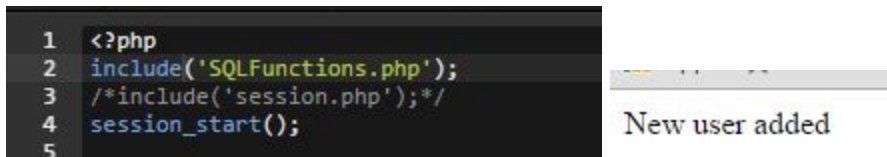
```
<?php
include('session.php');
?>
<!-- iframe will pull in the contents of index.php inside -->
<iframe src="index.php" width="100%" height="100%"></iframe>
```

Now, it's time for testing. Make sure we can log into the site. As with CRUD, you set the pages like AddUser.php and AddUserSubmit.php to be inaccessible for until you have logged in.

If you attempt to log in, this will cause an issue as there are no users in the database to log in as.

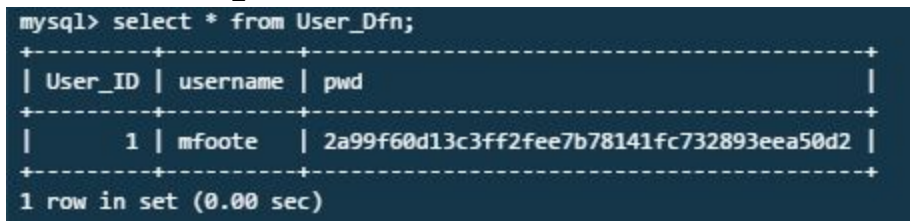
Try to access AddUser.php, you should be redirected to Login.php

One way to get around this little issue is to comment out the "include('session.php');" part in both files. Add your user, then uncomment it. *Both Files (AddUser.php, AddUserSubmit.php)*



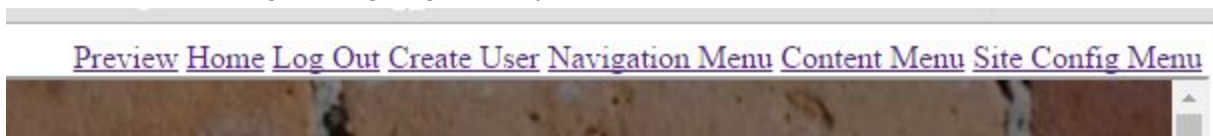
Check the table.

```
SELECT * FROM User_Dfn;
```



Once you have added yourself as a user, try to log in.

After a successful login using Login.php, you will be redirected to AdminIndex.php



The iframe from AdminIndex.php pulls in the index.php page, but we also get the session.php navigation.

The point of this site/project is to have end users interact with a site as if it was a completely basic, static html site. We have an admin panel where the power-user can update text as needed without performing any html updates.

Let's start by making some of the content on the index.php page dynamic.

Find the line:

```
<div class="brand">Business Casual</div>
```

And replace it with:

```
<div class="brand"><?php echo $siteBrand; ?></div>
```

And add this to the top of index.php

```
<?php
include('SQLFunctions.php');
session_start();
?>
```

To the top of the file.

Then in config.php, under the `define('DB_PWD'...`

```
$siteBrand= 'Placeholder_siteBrand';

/*Prepare Query to pull current settings from SiteConfig*/
$sql="SELECT ConfigName
        ,ShortTextValue
        FROM SiteConfig";
/*echo '<br>sql :'.$sql;*/

$link = connectDB();

/*Run the query, if ConfigName matches 'siteBrand, then set $siteBrand to ShortTextValue
returned in from the query*/
if ($result = mysqli_query($link,$sql)){
    while ($row = mysqli_fetch_array($result)) {
        if ($row[0] == 'siteBrand') { $siteBrand = $row[1];}
    }
}
/*Close database connection*/
mysqli_close ( $link );
?>
```

Test index.php



Index.php will now show whatever was set as the Brand. Since the database doesn't have that row, we see the placeholder value.

And using the mysql-ctl cli;

Run the following command:

```
INSERT INTO SiteConfig
(ConfigName, BEGDT, ENDDT, ShortTextValue, NumValue)
```

```
VALUES ('siteBrand', '1900-01-01', '2299-12-31', 'Udemy Restaurant', Null);
```

```
mysql> INSERT INTO SiteConfig
-> (ConfigName, BEGDT, ENDDT, ShortTextValue, NumValue)
-> VALUES ('siteBrand', '1900-01-01', '2299-12-31', 'Udemy Restaurant', Null);
Query OK, 1 row affected (0.00 sec)
```

```
mysql> SELECT * FROM SiteConfig;
```

SiteConfig_ID	ConfigName	BEGDT	ENDDT	ShortTextValue	NumValue
1	siteBrand	1900-01-01	2299-12-31	Udemy Restaurant	NULL

1 row in set (0.00 sec)

****Note**, the Begin and End data are to allow for future development. If we want to change the title of something on a certain date, we could easily program the SQL select statement pulling the config to ensure that begin date is \leq current, and end date is \geq current. This was not covered this this lesson, but could easily be added as the students customize the project.

Now let's test it.



If the config row is pulled in correctly, the title is 'Udemy Restaurant'

Now let's do this with a few more items to index.php:

Find the footer and replace

```
<p>Copyright &copy; Your Website 2014</p>
```

with

```
<p><?php echo $siteFooter; ?></p>
```

Find the address and replace

```
<div class="address-bar">3481 Melrose Place | Beverly Hills, CA 90210
| 123.456.7890</div>
```

With

```
<div class="address-bar"><?php echo $siteAddress; ?></div>
```

Find the title and replace:

```
<title>Business Casual - Start Bootstrap Theme</title>
```

with

```
<title><?php echo $siteTitle; ?></title>
```

Find the brand-name and replace:

```
<h1 class="brand-name">Business Casual</h1>
```

With

```
<h1 class="brand-name"><?php echo $siteShortTitle; ?></h1>
```

Then on the config.php file, add the variables as follows:

```
<?php
/*Configuration Settings*/

define('DB_HOST', 'localhost'); /*Database Server*/
define('DB_NAME', 'WEBADMIN'); /*Database Name*/
define('DB_USER', 'root'); /*Database Username*/
define('DB_PWD', ''); /*Database Password*/

$siteTitle = 'Placeholder_siteTitle';
$siteFooter= 'Placeholder_siteFooter';
$siteBrand= 'Placeholder_siteBrand';
$siteAddress= 'Placeholder_siteAddress';
$siteShortTitle = 'Placeholder_siteShortTitle';

/*Query contents of source table*/
$sql="SELECT ConfigName
      ,ShortTextValue
      FROM SiteConfig";
/*echo '<br>sql :'.$sql;*/

$link = connectDB();

if ($result = mysqli_query($link,$sql)){
    while ($row = mysqli_fetch_array($result)) {
        if ($row[0] == 'siteTitle') { $siteTitle = $row[1];}
        if ($row[0] == 'siteFooter') { $siteFooter = $row[1];}
        if ($row[0] == 'siteBrand') { $siteBrand = $row[1];}
        if ($row[0] == 'siteAddress') { $siteAddress = $row[1];}
        if ($row[0] == 'siteShortTitle') { $siteShortTitle = $row[1];}
    }
}
/*Close database connection*/
mysqli_close ( $link );
?>
```

You can do this as many elements as you would like.

Test it. You should see your placeholders as these elements don't exist on the table yet.

Let's allow a power user to administer these settings via an admin panel:

Create **SiteConfigMenu.php**

Put the following contents in it:

```
<?php
    include('SQLFunctions.php');
    include('session.php');
?>

<html>
<style>
    table, th, td { border: 1px solid black;
                    border-collapse: collapse; }
    table th { background-color: black;
              color: white; }
    table tr:nth-child(even) { background-color: #eee; }
    table tr:nth-child(odd) { background-color: #fff; }
</style>
<body>
    <h1>Site Config Menu</h1>

<?php
    /*Prep query to pull SiteConfig contents*/
    $sql="SELECT A.SiteConfig_ID
            ,A.ConfigName
            ,A.ShortTextValue
    FROM SiteConfig A
    ORDER BY A.ConfigName";

    $link = connectDB();

    /*Execute query. Display the results just like CRUD*/
    if ($result = mysqli_query($link,$sql)){
        echo "<table>";
        //header
        echo "<tr>";
        echo "<th>Config Name</td>";
        echo "<th>Config Value</td>";
        echo "<th>Action</td>";
        echo "</tr>";

        //data
        while ($row = mysqli_fetch_array($result)) {
            echo "<tr>";
            echo "<td>{$row[1]}</td>";
            /*Here we are combining the Read and Update. The following line both displays the
            current value, and allows us to update
            it and POST to SiteConfigUpdate.php which will commit the updates to the database.*/
            echo "<td><form action='SiteConfigUpdate.php' method = 'POST' onsubmit='' /> <input
            type='text' maxlength='100' name='newTextValue' value='\".$row[2].\"' size='100'
            required/></td>";
            echo "<td><input type='hidden' name='q' value='\".$row[0].\"' /><input type='Submit'
            value='Update'></form></td>";
            echo "</tr>";
        }
        echo "</table>";
```

```

    }

    /*Close database connection*/
    mysqli_close ( $link );
?>
<!--To Simplify navigation on the site, we can add the Create form here at the bottom as well
-->
<div>
    <br><br>
    <h1>New Config Item</h1>
    <form action="SiteConfigNew.php" method = "POST" onsubmit='return
validateForm()' />
        <p>Config Name: <input text="text" name="ConfigName"
maxlength='50' size="50" required/></p>
        <p>Short Text: <input type="text" name="ShortTextValue"
maxlength="100" size="100" required/></p>
        <input type="submit">
    </form>
</div>

</body>
</html>

```

[Preview](#) [Home](#) [Log Out](#) [Create User](#) [Navigation Menu](#) [Content Menu](#) [Site Config Menu](#)

Site Config Menu

Config Name	Config Value	Action
siteBrand	Udemy Restaurant	<input type="button" value="Update"/>

New Config Item

Config Name:

Short Text:

This page is similar to the CRUD project, but we've combine a few pages into one. To update the SiteConfig table with updates and Inserts, we'll want to create a page for each.

Day 4:

Create SiteConfigNew.php

```
<?php
include('SQLFunctions.php');
include('session.php');

/*Display what is in the _POST*/
/*echo '<br>Display full contents of the _POST: <br>';
    var_dump($_POST); */

if ( !empty($_POST)) {
    // Store data from html form POST action into variables
    $tdConfigName = $_POST['ConfigName'];
    $tdShortTextValue = $_POST['ShortTextValue'];

/*Open the database connection based on config.php file settings*/
    $link = connectDB();

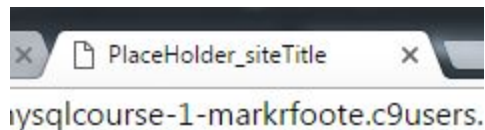
    /*Prepare the SQL INSERT Statement*/
    $sql = "INSERT INTO SiteConfig (ConfigName, BEGDT, ENDDT, ShortTextValue )
        VALUES ('".$tdConfigName."', '1900-01-01','2299-12-31','".$tdShortTextValue."');";
    Echo "<br>".$sql;
    /*Insert values into the database*/
    if (mysqli_query($link, $sql)) {
        /*    echo "<br>New record created successfully";*/
    } else {
        echo "<br>Error: " . $sql . "<br>" . mysqli_error($link);
    }

/*Close database connection*/
    mysqli_close ( $link );

/*Forward User Back to Main View*/
    header("Location: SiteConfigMenu.php");
}

?>
```

Test creating a new Site Config...the Config Name should match the name we listed in the Placeholder, example siteTitle



Config Name	
siteBrand	Udemy Restaurant

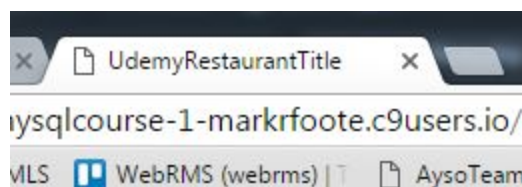
New Config Item

Config Name:

Short Text:

Site Config Menu

Config Name	Config Value
siteBrand	Udemy Restaurant
siteTitle	UdemyRestaurantTitle



The new title will show on index.php, not AdminIndex.php

By adding a new ConfigName with the same name as the Placeholder, we can update our site. Have users do the same for the footer and any other element they made dynamic.

Create SiteConfigUpdate.php

```
<?php
include('SQLFunctions.php');
include('session.php');

if ( !empty($_POST)) {
    // Store data from html form POST action into variables
    $tdID = $_POST['q'];
    $tdNewTextValue = $_POST['newTextValue'];

    /*Display what is in the _POST*/
    /*      echo '<br>Display full contents of the _POST: <br>';
       var_dump($_POST);  */

    $link = connectDB();

    /*Prepare the SQL Statement*/
    $sql = "UPDATE SiteConfig
           SET ShortTextValue = '". $tdNewTextValue."'
           WHERE SiteConfig_ID = '". $tdID."";
    /*  echo '<br><br>'. $sql;  */

    /*Insert values into the database*/
    if (mysqli_query($link, $sql)) {
        echo "<br>Update record successfully";
    } else {
        echo " <br>Error: " . $sql . " <br>" . mysqli_error($link);
    }

    /*Close database connection*/
    mysqli_close ( $link );

    /*Forward User Back to Main View*/
    header("Location: SiteConfigMenu.php");

}

?>
```

Test The update functionality, adding and updating each config item.

To make this site truly dynamic and allow the a power user to really control the site, lets start with the navigation. Currently, they only options are HOME ABOUT BLOG and CONTACT which are all static.

Lets allow the users to Create Update and Delete new Navigation options

Create a new file:**EditNavMenu.php**

Similar to the CRUD project and the SiteConfigMenu.php:

```
<?php
include('SQLFunctions.php');
include('session.php');
?>

<html>
<style>
    table, th, td { border: 1px solid black;
                    border-collapse: collapse; }
    table th { background-color: black;
              color: white; }
    table tr:nth-child(even) { background-color: #eee; }
    table tr:nth-child(odd)  { background-color: #fff; }
</style>
<body>
    <h1>Navigation Menu</h1>
    <br><br>

<?php
    $user_id = $_SESSION['user_id'];

    /*Query contents of source table*/
    $sql="SELECT Display_Order
           ,Nav_Title
           ,Nav_ID
    FROM Nav
    ORDER BY Display_Order
           ,Nav_Title";
    /*echo ' <br>sql :'.$sql;*/

    /*Open the database connection based on config.php file settings*/
    $link = connectDB();

    if ($result = mysqli_query($link,$sql)){
        echo "<table>";
        //header
        echo "<tr>";
            echo "<th>Order</td>";
            echo "<th>Title</td>";
            echo "<th>Action</td>";
        echo "</tr>";

        //data
        while ($row = mysqli_fetch_array($result)) {
            echo "<tr>";
                echo "<td><form action='EditNavMenuUpdate.php' method = 'post' onsubmit='' />
```

```

                <input type='number' name='DispOrd' min='1' max='10'
value={$row[0]}></td>";
        echo "<td><input text='text' name='NavTitle' value='{ $row[1] }' maxlength='50'
width='50' required/></td>";
        echo "<td> <input type='hidden' name='q' value='\".$row[2].\"' /><input type='Submit'
value='Update'></form>";
        echo "<form action='EditNavMenuDelete.php' method = '_GET' onsubmit='' /> <input
type='hidden' name='q' value='\".$row[2].\"' /><input type='Submit'
value='Delete'></form></td>";
        echo "</tr>";
    }
    echo "</table>";
}

/*Close database connection*/
mysqli_close ( $link );
?>
<div>
    <br><br>
    <h1>New Navigation Item</h1>
        <form action="EditNavMenuNew.php" method = "POST" onsubmit='' />
            <p>Navigation Title: <input text="text" name="NavTitle"
maxlength='50' width='50' required/></p>
            <p>Display Order: <input type="number" name="DispOrd" min="1"
max="10"></p>
                <input type="submit">
            </form>
        </div>
</body>
</html>

```

To Receive the New Nav Items, create **EditNavMenuNew.php**

```

<?php
include('SQLFunctions.php');
include('session.php');

if ( !empty($_POST) ) {
    // Store data from html form POST action into variables
    $stdTitle = $_POST['NavTitle'];
    $stdOrd = $_POST['DispOrd'];

    /*Open the database connection based on config.php file settings*/
    $link = connectDB();

    /*Prepare the SQL INSERT Statement*/
    $sql = "INSERT INTO Nav (Nav_Title, Display_Order) VALUES ('\".$stdTitle.\"','\".$stdOrd.\"')";
    /*Insert values into the database*/
    if (mysqli_query($link, $sql)) {
        /*      echo "<br>New record created successfully";*/
    } else {
        echo " <br>Error: " . $sql . " <br>" . mysqli_error($link);
    }

    /*Close database connection*/
    mysqli_close ( $link );
}

```

```
/*Forward User Back to Main View*/
header("Location: EditNavMenu.php");
}

?>
```

Test It.



Navigation Menu

Order Title Action

New Navigation Item

Navigation Title:

Display Order:

```
mysql> SELECT * FROM Nav;
+-----+-----+-----+
| Nav_ID | Nav_Title | Display_Order |
+-----+-----+-----+
| 3 | Locations | 1 |
| 4 | Contact Us | 10 |
| 5 | Events Soon | 2 |
| 7 | Meg Menu | 4 |
+-----+-----+-----+
4 rows in set (0.00 sec)
```

Order	Title	Action
1	Contact Us	Update Delete
2	Locations	Update Delete
3	Upcoming Events	Update Delete

Day 5:

To Receive the Update Request, create : **EditNavMenuUpdate.php**

```
<?php
include('SQLFunctions.php');
include('session.php');

if ( !empty($_POST)) {
    // Store data from html form POST action into variables
    $stdID = $_POST['q'];
    $stdTitle = $_POST['NavTitle'];
    $stdOrd = $_POST['DispOrd'];

    /*Display what is in the _POST*/
    /*echo '<br>Display full contents of the _POST: <br>';
    var_dump($_POST); */

    $link = connectDB();

    /*Prepare the SQL INSERT Statement*/
    $sql = "UPDATE Nav
            SET Nav_Title = '". $stdTitle."'
            ,Display_Order = '". $stdOrd.'"
            WHERE Nav_ID = '". $stdID;
    echo $sql;

    /*Insert values into the database*/
    if (mysqli_query($link, $sql)) {
        /*echo "<br>Update record successfully";*/
    } else {
        echo "<br>Error: " . $sql . "<br>" . mysqli_error($link);
    }

    /*Close database connection*/
    mysqli_close ( $link );

    /*Forward User Back to Main View*/
    header("Location: EditNavMenu.php");
}
?>
```

Test it!

Navigation Menu

Order	Title	Action
1	Locations	<div>Update</div> <div>Delete</div>

Navigation Menu

Order	Title	Action
2	Events Soon	Update Delete
3	Locations	Update Delete

Order	Title	Action
2	Events Sooner	Update Delete
3	Location	Update Delete

The receive the delete post create a file titled **EditNavMenuDelete.php**:

```
<?php
include('SQLFunctions.php');
include('session.php');

if ( !empty($_GET)) {
    // Store data from html form POST action into variables
    $tdID = $_GET['q'];

    $link = connectDB();

    /*Prepare the SQL INSERT Statement*/
    $sql = "DELETE
            FROM Nav
            WHERE Nav_ID = ".$tdID.";";
    /*echo $sql; */

    /*Attempt Delete*/
    if (mysqli_query($link, $sql)) {
        echo "<br>Delete record successfully";
    } else {
        echo " <br>Error: " . $sql . " <br>" . mysqli_error($link);
    }

    /*Close database connection*/
    mysqli_close ( $link );

    /*Forward User Back to Main View*/
    header("Location: EditNavMenu.php");

}
?>
```

Test it

Order	Title	Action
2	Events Sooner	<input type="button" value="Update"/> <input type="button" value="Delete"/>
3	Location	<input type="button" value="Update"/> <input type="button" value="Delete"/>
4	Meg Menu	<input type="button" value="Update"/> <input type="button" value="Delete"/>
10	Contact Us	<input type="button" value="Update"/> <input type="button" value="Delete"/>

Order	Title	Action
2	Events Sooner	Update Delete
3	Location	Update Delete
10	Contact Us	Update Delete

Great, now we can Create, Update, and Delete the Navigation items, let's replace the static HTML navigation with the new dynamic navigation. Make sure you have at least a few items in the database.

Back on index.php, update the top of the file as follows:

We are defaulting the currently selected Navigation tab, and adding some styling for the buttons are are about to add.:

```
<?php
require_once('SQLFunctions.php');
session_start();

/*if there is no Currnet Navigation set, default to the first on on the list based on order*/
if(!isset($_SESSION['CurNav']))
{
    echo "CurNav Not Set <br>";/*this is a testing comment*/
    $sql="SELECT Nav_ID
            ,Display_Order
            ,Nav_Title
        FROM Nav
        ORDER BY Display_Order
            ,Nav_Title
        LIMIT 1";
    $link = connectDB();
    /*run query, assign the session variable*/
    if ($result = mysqli_query($link,$sql)){
        while ($row = mysqli_fetch_array($result)) {
            $_SESSION['CurNav'] = $row[0];
        }
    }
    mysqli_close ( $link );
}
/*Set $CurNav variable to the value of the CurNav session variable*/
$CurNav = $_SESSION['CurNav'];

/*Similar to CRUD, logging out the users that haven't been active in the last 10 mins*/
if(isset($_SESSION['user_id']))
```



```

{
    if ($_SESSION['timeout'] + 10 * 60 < time()) {
        /* session timed out */
        header("Location: Logout.php");
    } else {
        $_SESSION['timeout'] = time();
        /*For convinience, adding a button to get back to the AdminInxed.php page*/
        echo "<a href='AdminIndex.php'><button>Admin Menu</button></a>";
    }
}
?>

<!-- The following CSS aligns the Navigation buttons to display side by side, in the
      middle of the screen with similar color, and font as the original navigation -->
<style type="text/css">
.NavMenu div {
    float:left;
}
.NavMenu {
    float: right;
    position: relative;
    left: -50%;
}
.NavMenu > .child {
    position: relative;
    left: 50%;
}

input[type=submit] {
    text-transform: uppercase;
    font-weight: 400;
    letter-spacing: 3px;
    margin:5px;
    margin-top: 20px;
}
</style>

<html lang="en">

<head>...

```

Then immediately under

```

        <!-- navbar-brand is hidden on larger screens, but visible when the menu is
collapsed -->
        <a class="navbar-brand" href="index.php"><?php echo $siteShortTitle; ?></a>
    </div>

```

Add the following:

```

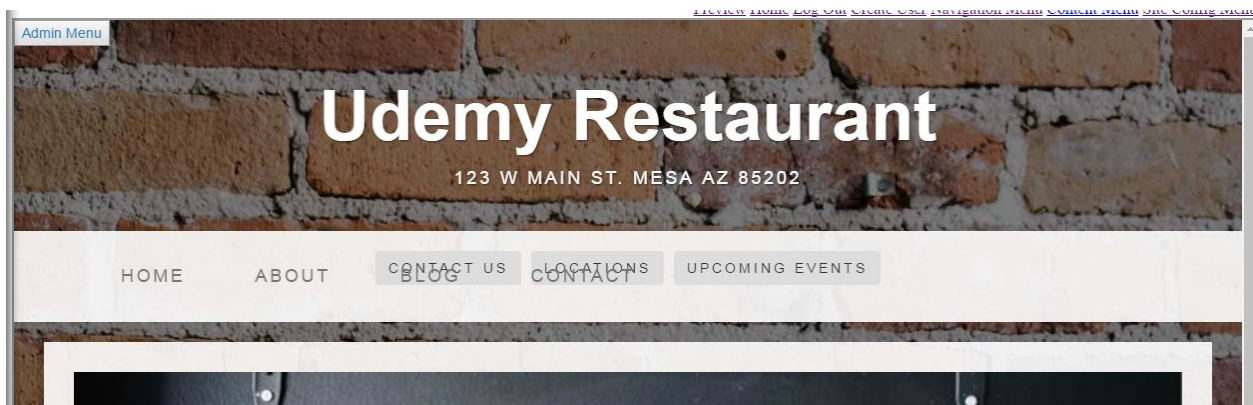
<?php
    /*Query Navigation*/
    $sql="SELECT Nav_Title
            ,Nav_ID
        FROM Nav
        ORDER BY Display_Order
            ,Nav_Title";
    /*echo '<br>sql :'. $sql;*/

```

```

        $link = connectDB();
/*Pull in our custom CSS using div class*/
echo "<div class='NavMenu'>";
    echo "<div class='child'>";
    if ($result = mysqli_query($link,$sql)){
        /*Each row returned will get it's own div with a form contained in it.
        They will act as dynamic buttons sending the user to UpdateCurNav.php*/
        while ($row = mysqli_fetch_array($result)) {
            echo "<div>
                <form action='UpdateCurNav.php' method='post'>
                    <input type='submit' class='btn' name='submit' value='{ $row[0] }'>
                    <input type='hidden' name='NewNav' value='{ $row[1] }'>
                </form>
            </div>";
        }
    }
    echo "</div>" ;
echo "</div>" ;
/*Close database connection*/
mysqli_close ( $link );
?>

```



This will allow you to see the new Navigation buttons. If everything looks good, remove the old HTML buttons.

Comment out:

```

<!-- Collect the nav links, forms, and other content for toggling -->
<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
    <ul class="nav navbar-nav">
        <li>
            <a href="index.html">Home</a>
        </li>
        <li>
            <a href="about.html">About</a>
        </li>
        <li>
            <a href="blog.html">Blog</a>
        </li>
        <li>
            <a href="contact.html">Contact</a>
        </li>
    </ul>
</div>

```

```

143         </li>
144     </ul>
145 </div>
146 <!-- /.navbar-collapse -->
147
148     <!-- Collect the nav links, forms, and other content for toggling
149     <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
150         <ul class="nav navbar-nav">
151             <li>
152                 <a href="index.html">Home</a>
153             </li>
154             <li>
155                 <a href="about.html">About</a>
156             </li>
157             <li>
158                 <a href="blog.html">Blog</a>
159             </li>
160             <li>
161                 <a href="contact.html">Contact</a>
162             </li>
163         </ul>
164     </div>
165 </div>
166 <!-- /.container -->
167 </nav>
168
169 <div class="container">
170
171     <div class="row">

```



Day 6:

Let's create the file that the navigation is referencing:

Create UpdateCurNav.php

```
<?php
session_start();

/*Display what is in the _POST*/
/*      echo '<br>Display full contents of the _POST: <br>';
      var_dump($_POST);  */

if ( !empty($_POST)) {
    // Store data from html form POST action into variables
    $NewNav = $_POST['NewNav'];
    $_SESSION['CurNav'] = $NewNav;

echo "New Nav: ".$NewNav;

/*Forward User Back to Main View*/
header("Location: index.php");
}

?>
```

Now let's add the ability to control the content that is displayed on index.php. First we need content to exist in the database. To insert, update, and delete it, just like the EditNavMenu, we are creating EditContentMenu.php

Create the file **EditContentMenu.php**

```
<?php
include('SQLFunctions.php');
include('session.php');
?>

<html>
<style>
    table, th, td { border: 1px solid black;
                    border-collapse: collapse; }
    table th { background-color: black;
              color: white; }
    table tr:nth-child(even) { background-color: #eee; }
    table tr:nth-child(odd) { background-color: #fff; }
</style>
<body>
    <h1>Edit Content Menu</h1>

<?php

    /*Prepare sql to pull everything from the contents table*/
    $sql="SELECT B.Nav_Title
            ,A.Display_Order
            ,A.ContentTitle
            ,A.Content
            ,A.Content_ID
    FROM Content A
        ,Nav B
    WHERE A.Nav_ID = B.Nav_ID
    ORDER BY B.Nav_Title
            ,A.Display_Order
            ,A.ContentTitle";
    /*echo '<br>sql :'.$sql;*/

    /*Open the database connection based on config.php file settings*/
    $link = connectDB();

    /*execute the query, display the results in a table*/
    if ($result = mysqli_query($link,$sql)){
        echo "<table>";
        //header
        echo "<tr>";
            echo "<th>Navigation Title</td>";
            echo "<th>Order</td>";
            echo "<th>Title</td>";
            echo "<th>Content</td>";
            echo "<th>Action</td>";
        echo "</tr>";

        //data
        while ($row = mysqli_fetch_array($result)) {
```

```

        echo "<tr>";
        echo "<td>{$row[0]}</td>";
        echo "<td><form action='EditContentMenuUpdate.php' method = 'post' onsubmit='' />
<input type='hidden' name='q' value='\". $row[4].\"' />
        <input type='number' name='Ord' min='1' max='10' value='{ $row[1]}'
required></td>";
        echo "<td><input type='text' name='Title' value='{ $row[2]}' width='100'
maxlength='100' required></td>";
        echo "<td><textarea cols='50' rows='15' name='Content' maxlength='4000'
required>{ $row[3]}</textarea>
        </td>";
        echo "<td><input type='Submit' value='Update'></form>";
        echo "<form action='EditContentMenuDelete.php' method = 'POST' onsubmit='' /> <input
type='hidden' name='q' value='\". $row[4].\"' /><input type='Submit'
value='Delete'></form></td>";
        echo "</tr>";
    }
    echo "</table>";
}

/*Query Nav_IDs and Titles to populate the dropdown for a new Content Item*/
$sql="SELECT B.Nav_ID
        ,B.Nav_Title
FROM Nav B
ORDER BY B.Display_Order
        ,B.Nav_Title";
/*      echo '<br>sql :'. $sql;*/
?>
<div>
    <br><br>
    <h1>New Content Item</h1>
        <form action="EditContentMenuNew.php" method = "POST" onsubmit="" />
        <p>Navigation:
        <!-- Select is an html drop down input. We query the database to
populate it with dynamic content. -->
            <select name="NavID" required>
                <?php if ($result = mysqli_query($link,$sql)){
                    while ($row = mysqli_fetch_array($result)) {
                        echo " <option value='{ $row[0]}'>{ $row[1]}</option>";
                    }
                }
            ?>
        </select></p>
        <p>Content Title: <input text="text" name="Title"
maxlength='100' width='100' required/></p>
        <p>Order: <input type="number" name="Ord" min="1" max="10"
required></p>
        <p>Content:<br> <textarea cols="120" rows="15" name="Content"
maxlength='4000' required></textarea></p>
        <input type="submit">
    </form>
</div>
</body>
</html>
<?php
/*Close database connection*/
mysqli_close ( $link );

```

?>

[Menu](#) [Content](#) [Menu](#) [Site](#)

Edit Content Menu

Navigation	Title	Order	Title	Content	Action
------------	-------	-------	-------	---------	--------

New Content Item

Navigation:

Content Title:

Order:

Content:

We can't create new content until we create **EditContentMenuNew.php** Which will insert the data into the table.

```
<?php
include('SQLFunctions.php');
include('session.php');

if ( !empty($_POST)) {
    // Store data from html form POST action into variables
    $stdNavID = $_POST['NavID'];
    $stdTitle  = $_POST['Title'];
    $stdOrd = $_POST['Ord'];
    $stdContent = $_POST['Content'];

    /*Display what is in the _POST*/
    /*      echo '<br>Display full contents of the _POST: <br>';
    var_dump($_POST);      */

    /*Open the database connection based on config.php file settings*/
    $link = connectDB();

    /*Prepare the SQL INSERT Statement*/
    $sql = "INSERT INTO Content
            (Nav_ID, ContentTitle, Content, BeginDisplay, EndDisplay, Enabled, Display_Order)
            VALUES
            ('.$stdNavID.', ' ".$stdTitle.", ' ".$stdContent.", '1900-01-01', '2299-12-31', 1, ' ".$stdOrd.)";";
    /*echo '<br>Sql: ' . $sql;*/
    /*Insert values into the database*/
    if (mysqli_query($link, $sql)) {
        /*echo "<br>New record created successfully";*/
    } else {
        echo "<br>Error: " . $sql . "<br>" . mysqli_error($link);
    }

    /*Close database connection*/
    mysqli_close ( $link );

    /*Forward User Back to Main View*/
    header("Location: EditContentMenu.php");
}

?>
```

Time To Test. Create a few content items.

This would be the text that will show under the corresponding navigation menu items

Edit Content Menu

Navigation Title	Order	Title	Content	Action
Location	2	asdfasd	asdfasdffsda sad afds fdsa fdsa fdsa dfsa	<input type="button" value="Update"/> <input type="button" value="Delete"/>

Day 7:

Now for Update: **EditContentMenuUpdate.php**

```
<?php
include('SQLFunctions.php');
include('session.php');

if ( !empty($_POST)) {
    // Store data from html form POST action into variables
    $tdID = $_POST['q'];
    $tdOrd = $_POST['Ord'];
    $tdTitle = $_POST['Title'];
    $tdContent = $_POST['Content'];

    /*Display what is in the _POST*/
    /*      echo '<br>Display full contents of the _POST: <br>';
       var_dump($_POST);    */

    $link = connectDB();

    /*Prepare the SQL INSERT Statement*/
    $sql = "UPDATE Content
            SET Display_order = ".$tdOrd."
              ,ContentTitle   = '".$tdTitle."'
              ,Content        = '".$tdContent."'
            WHERE Content_ID = ".$tdID;
    /*  echo '<br><br>'.$sql; */

    /*Insert values into the database*/
    if (mysqli_query($link, $sql)) {
        echo "<br>Update record successfully";
    } else {
        echo "<br>Error: " . $sql . "<br>" . mysqli_error($link);
    }

    /*Close database connection*/
    mysqli_close ( $link );

    /*Forwarded User Back to Main View*/
    header("Location: EditContentMenu.php");

}
?>
```

And the file to delete content: **EditContentMenuDelete.php**

```
<?php
include('SQLFunctions.php');
include('session.php');

if ( !empty($_POST)) {
    // Store data from html form POST action into variables
    $tdID = $_POST['q'];

    $link = connectDB();
```

```

/*Prepare the SQL INSERT Statement*/
$sql = "DELETE
      FROM Content
      WHERE Content_ID = ".$tdID.";";
/*echo $sql; */

/*Attempt Delete*/
if (mysqli_query($link, $sql)) {
    echo "<br>Delete record successfully";
} else {
    echo "<br>Error: " . $sql . "<br>" . mysqli_error($link);
}

/*Close database connection*/
mysqli_close ( $link );

/*Forwarded User Back to Main View*/
header("Location: EditContentMenu.php");

}

?>

```

And of course, test it.

Now let's get the content to display. We want only the content that is associated with the session's current Nav to be displayed. Back on index.php:

In order to declutter a little, comment out the following:

```

<!--
    <div class="row">
        <div class="box">
            <div class="col-lg-12">
                <hr>
                <h2 class="intro-text text-center">Build a website
                <strong>worth visiting</strong>
                </h2>
                <hr>
                

                <hr class="visible-xs">
                <p>The boxes used in this template are nested inbetween a normal Bootstrap
row and the start of your column layout. The boxes will be full-width boxes, so if you want to
make them smaller then you will need to customize.</p>
                <p>A huge thanks to <a href="http://join.deathtothestockphoto.com/"
target="_blank">Death to the Stock Photo</a> for allowing us to use the beautiful photos that
make this template really come to life. When using this template, make sure your photos are
decent. Also make sure that the file size on your photos is kept to a minumum to keep load
times to a minimum.</p>
                <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc placerat
diam quis nisl vestibulum dignissim. In hac habitasse platea dictumst. Interdum et malesuada
fames ac ante ipsum primis in faucibus. Pellentesque habitant morbi tristique senectus et
netus et malesuada fames ac turpis egestas.</p>
            </div>

```

```

        </div>
    </div>-->

<!--
    <div class="row">
        <div class="box">
            <div class="col-lg-12">
                <hr><h2 class="intro-text text-center">Beautiful boxes <strong>to showcase
your content</strong></h2>
                <hr>
                <p>Use as many boxes as you like, and put anything you want in them! They
are great for just about anything, the sky's the limit!</p>
                <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc placerat
diam quis nisl vestibulum dignissim. In hac habitasse platea dictumst. Interdum et malesuada
fames ac ante ipsum primis in faucibus. Pellentesque habitant morbi tristique senectus et
netus et malesuada fames ac turpis egestas.</p>-->

```

Instead, add the following;

```

<?php
    /*Query Content for the Current Navigation*/
    $sql="SELECT ContentTitle
        ,Content
        FROM Content
        WHERE Nav_ID = ".$CurNav."
        ORDER BY Display_Order";
    /*echo '<br>sql :'.$sql;*/

    $link = connectDB();

    /*Execute the query, for each row returned, display a box with the results of the content in
it.*/
    if ($result = mysqli_query($link,$sql)){
        while ($row = mysqli_fetch_array($result)) {
            echo "<div class='row'>";
            echo "    <div class='box'>";
            echo "        <div class='col-lg-12'>";
            echo "            <hr><h2 class='intro-text
text-center'><strong>{$row[0]}</strong></h2><hr>";
            echo "            <p>{$row[1]}</p>";
            echo "</div>";
            echo "</div>";
            echo "</div>";
        }
    }

    /*Close database connection*/
    mysqli_close ( $link );
?>

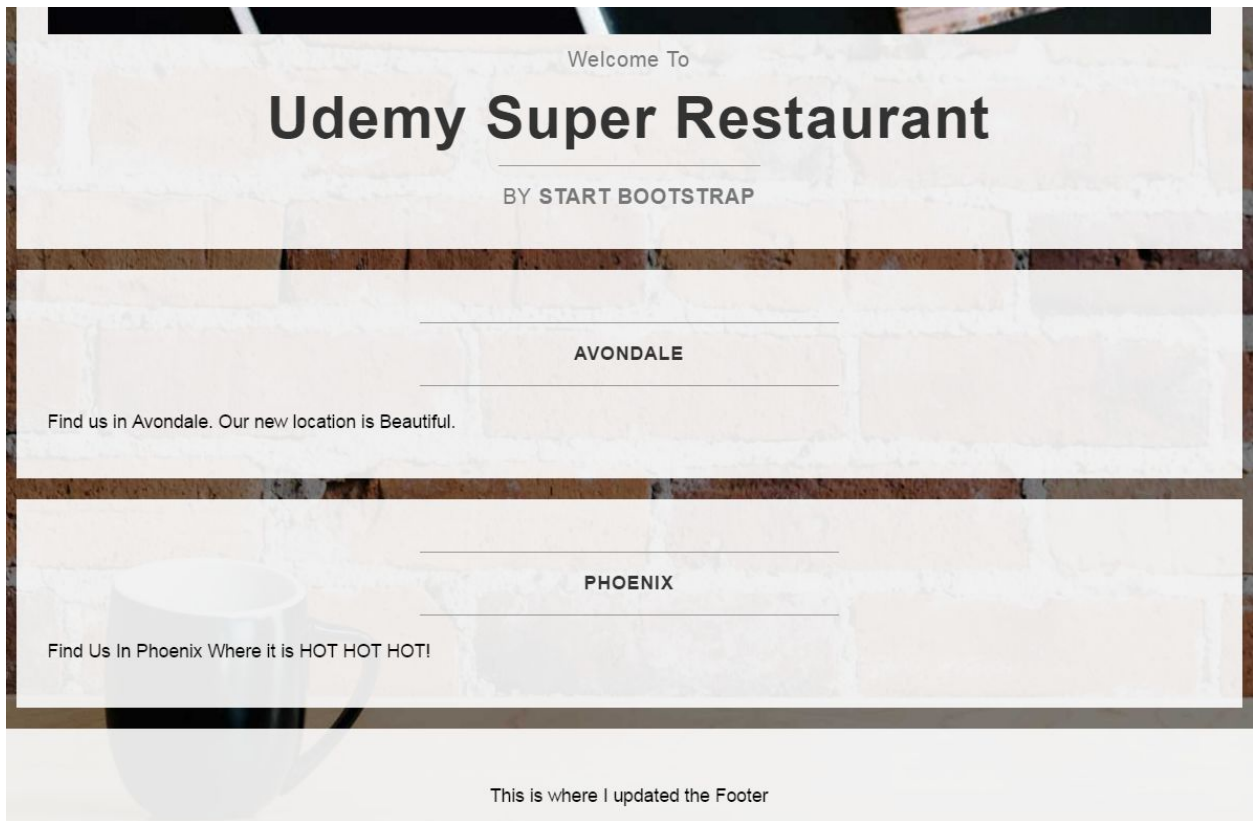
</div>
<!-- /.container -->

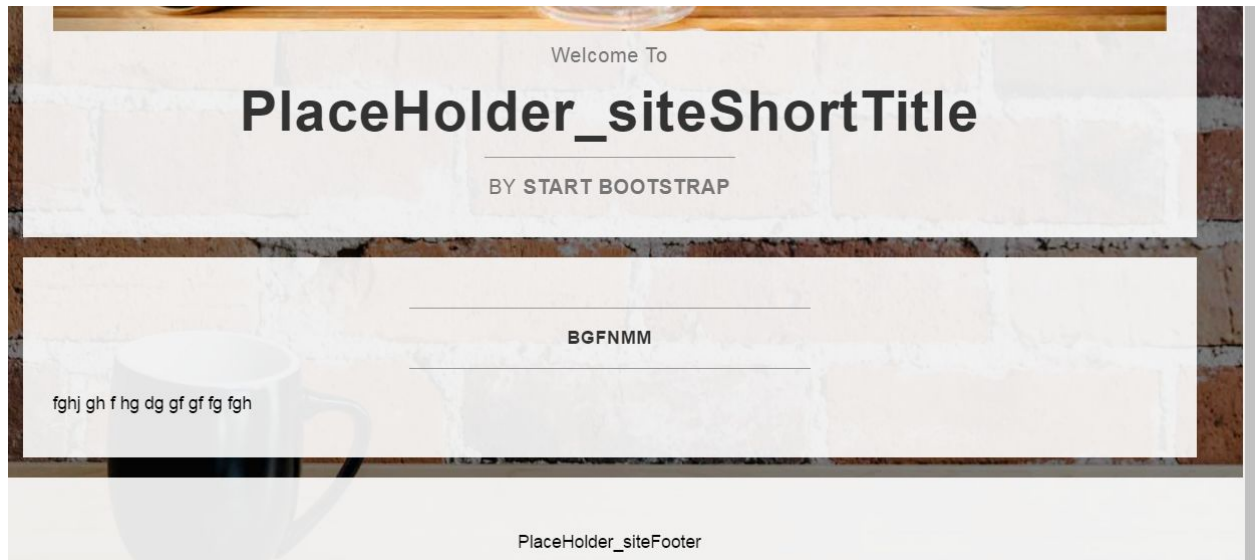
<footer>...

```

And Test it out.

Once you get that, go crazy updating and customizing. The sky's the limit.





Full contents of index.php

```
<?php
require_once('SQLFunctions.php');
session_start();

/*if there is no Currnet Navigation set, default to the first on on the list based on order*/
if(!isset($_SESSION['CurNav']))
{
    echo "CurNav Not Set <br>";/*this is a testing comment*/
    $sql="SELECT Nav_ID
            ,Display_Order
            ,Nav_Title
        FROM Nav
        ORDER BY Display_Order
            ,Nav_Title
        LIMIT 1";
    $link = connectDB();
    /*run query, assign the session variable*/
    if ($result = mysqli_query($link,$sql)){
        while ($row = mysqli_fetch_array($result)) {
            $_SESSION['CurNav'] = $row[0];
        }
    }
    mysqli_close ( $link );
}

/*Set $CurNav variable to the value of the CurNav session variable*/
$CurNav = $_SESSION['CurNav'];

/*Simlar to CRUD, logging out the users that haven't been active in the last 10 mins*/
if(isset($_SESSION['user_id']))
{
    if ($_SESSION['timeout'] + 10 * 60 < time()) {
        /* session timed out */
        header("Location: Logout.php");
    } else {
```

```

        $_SESSION['timeout'] = time();
        /*For convinience, adding a button to get back to the AdminInxed.php page*/
        echo "<a href='AdminIndex.php'><button>Admin Menu</button></a>";
    }
}
?>

<!-- The following CSS aligns the Navigation buttons to display side by side, in the
middle of the screen with similar color, and font as the original navigation -->
<style type="text/css">
.NavMenu div {
    float:left;
}
.NavMenu {
    float: right;
    position: relative;
    left: -50%;
}
.NavMenu > .child {
    position: relative;
    left: 50%;
}

input[type=submit] {
    text-transform: uppercase;
    font-weight: 400;
    letter-spacing: 3px;
    margin:5px;
    margin-top: 20px;
}
</style>

<html lang="en">

<head>

    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta name="description" content="">
    <meta name="author" content="">

    <title><?php echo $siteTitle; ?></title>

    <!-- Bootstrap Core CSS -->
    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- Custom CSS -->
    <link href="css/business-casual.css" rel="stylesheet">

    <!-- Fonts -->
    <link
href="http://fonts.googleapis.com/css?family=Open+Sans:300italic,400italic,600italic,700italic
,800italic,400,300,600,700,800" rel="stylesheet" type="text/css">

```

```

<link
href="http://fonts.googleapis.com/css?family=Josefin+Slab:100,300,400,600,700,100italic,300ita
lic,400italic,600italic,700italic" rel="stylesheet" type="text/css">

<!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media queries -->
<!-- WARNING: Respond.js doesn't work if you view the page via file:// -->
<!--[if lt IE 9]>
    <script src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></script>
    <script src="https://oss.maxcdn.com/libs/respond.js/1.4.2/respond.min.js"></script>
<![endif]-->

</head>

<body>

    <div class="brand"><?php echo $siteBrand; ?></div>
    <div class="address-bar"><?php echo $siteAddress; ?></div>

    <!-- Navigation -->
    <nav class="navbar navbar-default" role="navigation">
        <div class="container">
            <!-- Brand and toggle get grouped for better mobile display -->
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-toggle="collapse"
data-target="#bs-example-navbar-collapse-1">
                    <span class="sr-only">Toggle navigation</span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
                <!-- navbar-brand is hidden on larger screens, but visible when the menu is
collapsed -->
                <a class="navbar-brand" href="index.php"><?php echo $siteShortTitle; ?></a>
            </div>
            <!-- Collect the nav links, forms, and other content for toggling
            <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
                <ul class="nav navbar-nav">
                    <li>
                        <a href="index.html">Home</a>
                    </li>
                    <li>
                        <a href="about.html">About</a>
                    </li>
                    <li>
                        <a href="blog.html">Blog</a>
                    </li>
                    <li>
                        <a href="contact.html">Contact</a>
                    </li>
                </ul>
            </div>-->
            <!-- /.navbar-collapse -->

        <!--Foote Cust BEGIN-->
        <?php
        /*Query Navigation*/
        $sql="SELECT Nav_Title

```

```

        ,Nav_ID
    FROM Nav
    ORDER BY Display_Order
        ,Nav_Title";
    /*echo ' <br>sql :'. $sql;*/
    $link = connectDB();
/*Pull in our custom CSS using div class*/
echo "<div class='NavMenu'>";
    echo "<div class='child'>";
    if ($result = mysqli_query($link,$sql)){
        /*Each row returned will get it's own div with a form contained in it.
        They will act as dynamic buttons sending the user to UpdateCurNav.php*/
        while ($row = mysqli_fetch_array($result)) {
            echo "<div>
                <form action='UpdateCurNav.php' method='post'>
                    <input type='submit' class='btn' name='submit' value='{ $row[0]} '>
                    <input type='hidden' name='NewNav' value='{ $row[1]} '>
                </form>
            </div>";
        }
    }
    echo "</div>" ;
echo "</div>" ;
    /*Close database connection*/
    mysqli_close ( $link );
?>
<!--Foote Cust END -->
    <!-- /.navbar-collapse -->
</div>
    <!-- /.container -->
</nav>

<div class="container">

    <div class="row">
        <div class="box">
            <div class="col-lg-12 text-center">
                <div id="carousel-example-generic" class="carousel slide">
                    <!-- Indicators -->
                    <ol class="carousel-indicators hidden-xs">
                        <li data-target="#carousel-example-generic" data-slide-to="0"
class="active"></li>
                        <li data-target="#carousel-example-generic"
data-slide-to="1"></li>
                        <li data-target="#carousel-example-generic"
data-slide-to="2"></li>
                    </ol>

                    <!-- Wrapper for slides -->
                    <div class="carousel-inner">
                        <div class="item active">
                            
                        </div>
                        <div class="item">
                            

```



```

        </div>
        <div class="item">
            

            </div>
        </div>

        <!-- Controls -->
        <a class="left carousel-control" href="#carousel-example-generic"
data-slide="prev">

            <span class="icon-prev"></span>
        </a>
        <a class="right carousel-control" href="#carousel-example-generic"
data-slide="next">

            <span class="icon-next"></span>
        </a>
    </div>
    <h2 class="brand-before">
        <small>Welcome to</small>
    </h2>
    <h1 class="brand-name"><?php echo $siteShortTitle; ?></h1>
    <hr class="tagline-divider">
    <h2>
        <small>By
            <strong>Start Bootstrap</strong>
        </small>
    </h2>
</div>
</div>
</div>

<!--
    <div class="row">
        <div class="box">
            <div class="col-lg-12">
                <hr>
                <h2 class="intro-text text-center">Build a website
                    <strong>worth visiting</strong>
                </h2>
                <hr>
                

                <hr class="visible-xs">
                <p>The boxes used in this template are nested inbetween a normal Bootstrap
row and the start of your column layout. The boxes will be full-width boxes, so if you want to
make them smaller then you will need to customize.</p>

                <p>A huge thanks to <a href="http://join.deathtothestockphoto.com/"
target="_blank">Death to the Stock Photo</a> for allowing us to use the beautiful photos that
make this template really come to life. When using this template, make sure your photos are
decent. Also make sure that the file size on your photos is kept to a minumum to keep load
times to a minimum.</p>

                <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc placerat
diam quis nisl vestibulum dignissim. In hac habitasse platea dictumst. Interdum et malesuada
fames ac ante ipsum primis in faucibus. Pellentesque habitant morbi tristique senectus et
netus et malesuada fames ac turpis egestas.</p>
            </div>
        </div>
    </div>-->

```

```

<!--      <div class="row">
          <div class="box">
            <div class="col-lg-12">
              <hr><h2 class="intro-text text-center">Beautiful boxes <strong>to showcase
your content</strong></h2>
              <hr>
              <p>Use as many boxes as you like, and put anything you want in them! They
are great for just about anything, the sky's the limit!</p>
              <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc placerat
diam quis nisl vestibulum dignissim. In hac habitasse platea dictumst. Interdum et malesuada
fames ac ante ipsum primis in faucibus. Pellentesque habitant morbi tristique senectus et
netus et malesuada fames ac turpis egestas.</p>-->
<?php
    /*Query Content for the Current Navigation*/
    $sql="SELECT ContentTitle
          ,Content
          FROM Content
          WHERE Nav_ID = ".$CurNav."
          ORDER BY Display_Order";
    /*echo '<br>sql :'.$sql;*/

    $link = connectDB();

    /*Execute the query, for each row returned, display a box with the results of the content in
it.*/
    if ($result = mysqli_query($link,$sql)){
        while ($row = mysqli_fetch_array($result)) {
            echo "<div class='row'>";
            echo "    <div class='box'>";
            echo "        <div class='col-lg-12'>";
            echo "            <hr><h2 class='intro-text
text-center'><strong>{$row[0]}</strong></h2><hr>";
            echo "<p>{$row[1]}</p>";
            echo "</div>";
            echo "</div>";
            echo "</div>";
        }
    }

    /*Close database connection*/
    mysqli_close ( $link );
?>

</div>
<!-- /.container -->

<footer>
    <div class="container">
        <div class="row">
            <div class="col-lg-12 text-center">
                <p><?php echo $siteFooter; ?></p>
            </div>
        </div>
    </div>
</footer>

```

```
<!-- jQuery -->
<script src="js/jquery.js"></script>

<!-- Bootstrap Core JavaScript -->
<script src="js/bootstrap.min.js"></script>

<!-- Script to Activate the Carousel -->
<script>
$( '.carousel' ).carousel({
    interval: 5000 //changes the speed
})
</script>

</body>

</html>
```