CSCI 202 - Dynamic Web Pages

Winter 2019

Laboratory 7

Objectives

1. Set up and install XAMPP.

2. Save all the **.html** files as **.php** extensions.

3. Include a separate script for header, subscribe, and footer.

4. Create a database and table in your localhost.

5. Submit information on **reservation form, contact form** and **subscription form** to the database.

6. Export your database as **bellinghamhotel.sql.**

You are welcome to use in-class examples as a resource as well as online lectures. Feel free to email your TA or instructor if you have questions about the lab.

READ ALL THE INSTRUCTIONS CAREFULLY.

**Task 1: Set up and Install XAMPP, WAMP, LAMP or MAMP according your OS.**

a. To run PHP code on your local machine, you need a Web Server (XAMPP). Install and run XAMPP server. Start both Apache and MySQL on the XAMPP control panel.
(**NB**. If you're Mac you need to enable the Network port and Mount the Volume)

b. Create a new folder naming it **Lab7** in your localhost. **(xampp -> htdocs -> Lab7)**

c. Launch Visual Studio Code and open **Lab7** folder.

d. Copy all your files from the **Lab6** folder into **Lab7** folder.

Task 2: Save all the .html files as .php extensions.

To run PHP scripts on your Web host, you must save all your **.html** extensions to **.php**.

  a. Open each file with Visual Studio Code and click on Save As then change the extensions.

    New file names: index.php, rooms.php, gallery.php, gallery1.php, contact.php, rooms.php, hotelcotact.php, booknow.php,

      booknow.php
      contact.php
      gallery.php
      gallery1.php
      header.php
      hotelcontact.php
      index.php
      newsletter.php
      rooms.php
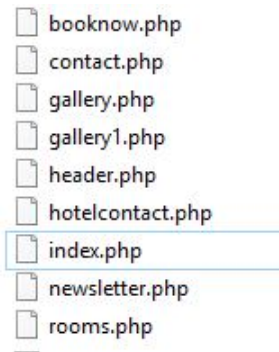
  b. Change links to .html files to the new corresponding .php files

```
<ul class="menu">
    <li><a href="index.php">Home</a></li>
    <li><a href="rooms.php">Rooms</a></li>
    <li><a href="gallery.php">Gallery</a></li>
    <li><a href="contact.php">Contact</a></li>
</ul>
```

Task 3: Include a separate script for header, subscribe, and footer.

The PHP Include() statement allows you to include the code contained in a PHP file within another PHP file. Create a new folder called **include** then create the following php files in the folders with names: **header.php, subscribe.php, footer.php and config.php.**

  a. Include the header.php code in all php files. Copy and paste the <header> code into header.php. Configure the php script below to replace **<header> ...</header>** code in all the .php files with include() statements.

```
<?php include('include/header.php'); ?>
```

  b. Include the subscribe.php code in all php files. Copy and paste the <section> with class named *newletter* code into **subscribe.php**. Configure the php script

```
<?php include('include/subscribe.php'); ?>
```

below to replace **<section class="newsletter"> ... </section>.**

c. **Include the footer.php code in all php files.** Copy and paste the **\<footer\>** code into footer.php. Configure the php script below to replace **\<footer\> ... \</footer\>**

```php
<?php include('include/footer.php'); ?>
```

d. To connect php script to the database, code the following php script in the **config.php:**

```php
<?php

$con = mysqli_connect('localhost','root','');

mysqli_select_db($con,'bellinghamhotel');

if(!$con){
    die("Connection Error: ".mysqli_connect_error);
}

?>
```

Task 4: Create a database and table in your localhost.

a. Type **http://localhost/phpmyadmin** or **localhost:8080/phpmyadmin** in your URL of your web browser.

b. Click on New to Create a New database with named "**bellinghamhotel**".

c. Create three tables with names **contact** (4 columns), **reserve** (6 columns) **and subscribe** (1 column).

d. Table named **contact:**
   1. 4 columns (**name** VARCHAR(30), **phone** VARCHAR(30), **email** VARCHAR(30), **message** VARCHAR(100))

e. Table named **reserve:**
   1. 6 columns (**arrivedate** date(30), **departdate** date(30), **room** VARCHAR(30), **guest** VARCHAR(100), **email** VARCHAR(30), message VARCHAR(100))

f. Table named **subscribe:**
   1. 1 column (**email** VARCHAR(30))
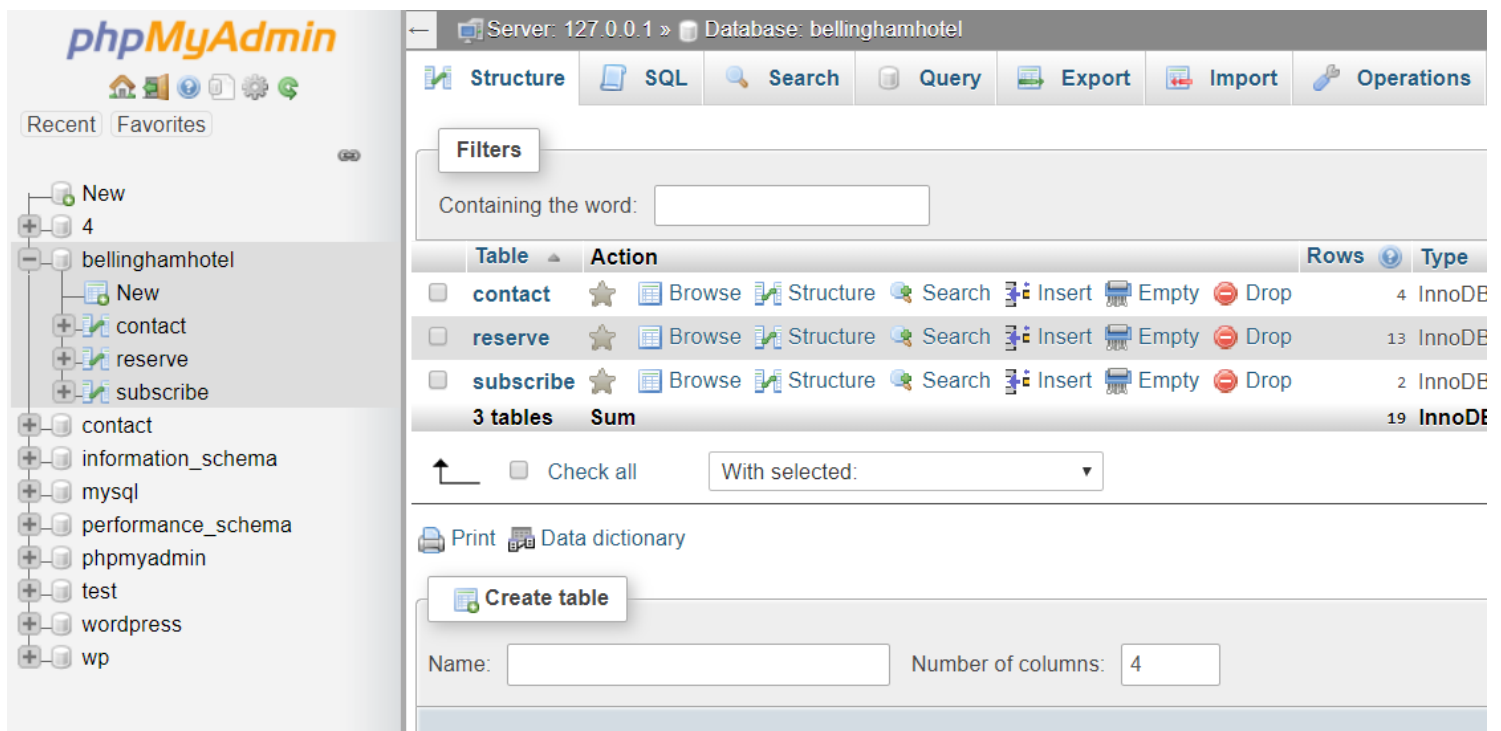
g. To insert data into the dabasebase, add attribute names to the various input elements in the php code.

1. Add attribute **name="email"** to subscribe to Our Newsletter input element.

2. Add the following attributes to the Modal forms in **rooms.php**:

   name="arrivedate", name="departdate", name="room", name="guest", name="email", and **name="message"**

E.g.

```
<input type="email" id="subscribe" name="email" placeholder="Enter Email...">
```

h. Remove JavaScript conditional else in main.js.

```
else{
  alert("Information Enter is Valid, Check Your Email for Feedback!");
  document.getElementById('name').style.borderColor="green";
  return true;
```

Task 5: Submit information on reservation form, contact form and subscription form to the database.

a. Launch **booknow.php** and configure a php code:

b. Configure the php code in between class named *sideright*

```html
<div class="sideright">
    <!-- PHP Begins Here -->

    |

</div>
```

```php
<!-- PHP Begins Here -->
<?php

    include('include/config.php');

    $arrivedate = $_POST['arrivedate'];
    $departdate = $_POST['departdate'];
    $room = $_POST['room'];
    $guest = $_POST['guest'];
    $email = $_POST['email'];
    $message = $_POST['message'];

    $sql = "INSERT INTO reserve(arrivedate, departdate, room, guest,
    email, message) values('$arrivedate', '$departdate', '$room',
    '$email','$guest','$message')";

        if(!mysqli_query($con,$sql)){

            echo "New Contact Not Added";
        }
        else{
            echo "<script> alert('Room reserved, Check your email for
            more details!')</script>";
        }
?>
    <!-- PHP Ends Here -->
```

```php
<h2>Thank You, Check <?php echo "$email"; ?> for Details</h2>
<p>Have a Nice Stay.</p>
```

e. Launch create a new php file named **hotel.php** and change the form action in
   contact.php to hotel.php

```html
<form action="hotel.php" method="POST" onsubmit="return
```

5

f. Code the following php code in **hotel.php:**

g. Launch **newletter.php** and configure with php code.

```php
<!-- PHP Begins Here -->
<?php

include('include/config.php');

$name = $_POST['name'];
$phone = $_POST['phone'];
$email = $_POST['email'];
$message = $_POST['message'];

$sql = "SELECT * FROM contact WHERE email = '$email'";

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

$row = mysqli_fetch_array($result);

if($row['email']==$email){
    ?>
    <script>
        confirm('Email Already Exist, Enter a New One.');
        window.location = "contact.php";
    </script>

    <?php
}

else{
    $data = "INSERT INTO contact(name, phone, email, message) values
    ('$name', '$phone', '$email', '$message')";

    if(mysqli_query($con,$data)){
        ?>
            <script>
                confirm('<?php echo $name ?> has successfully been added,
                Thank you!.');
                window.location = "hotelcontact.php";
            </script>

        <?php
    }
    else{

        ?>
            <script>
                alert('User Could Not Be Added, Try Again!');
                window.location = "contact.php";
            </script>

        <?php
    }
}

?>
<!-- PHP Ends Here -->
```

h. Code the following codes after Welcome! Heading:

```php
<?php

include('include/config.php');

$email = $_POST['email'];

$sql = "SELECT * FROM subscribe WHERE email = '$email'";

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

$row = mysqli_fetch_array($result);

if($row['email']==$email){
    ?>
    <script>
        confirm('Email Already Exist, Enter a New One.');
        window.location = "index.php";
    </script>

    <?php
}
else{
    $data = "INSERT INTO subscribe(email) values('$email')";

    if(mysqli_query($con,$data)){
        ?>
        <script>
            confirm('Email Successfully Added, Thank you!.');
            window.location = "contact.php";
        </script>

        <?php
    }
    else{
        ?>
        <script>
            alert('Email Could Not Be Added, Try Again!');
            window.location = "contact.php";
        </script>

        <?php
    }
}
?>
```

7

localhost says

Justice Banson has successfully been added, Thank you!.

OK   Cancel

Contact Alert

localhost says

Room reserved, Check your email for more details!

OK

Booknow Alert

Home   Rooms   Gallery   Contact

Reservation

Discover our world's #1 Luxury Room For VIP

BOOK NOW

Get inspiration for your next trip

Thank You, Check justice.banson@wwu.edu for Details

Have a Nice Stay.

Subscribe To Our Newsletter

Enter Email...   SUBSCRIBE

PHONE SUPPORT

24/7 Call us

+ 1 306 209 1823

CONNECT WITH US

We are socialized. Follow us

CONNECT WITH US

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Maxime, odio.

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Task 6: Turning in your Work.

Export your database **bellinghamhotel**, as an sql file, zipped with Lab7 folder and upload the completed files to CANVAS for grading. Submission type for this assignment is a file upload **(Lab7.zip).**

The last date for submission of Lab assignment is 11:59pm Monday, March 11, 2019.

Points Breakdown

Save all the **.html** files as **.php** extensions. – **5 points**

Include a separate script for header (5), subscribe (5), and footer (5). – **15 points**

Create a database and table in your localhost - **5 points**

Reservation form: configured and submitted to database - **5 points**

Contact form: configured and submitted to database - **5 points**

subscription form: configured and submitted to the database - **5 points**