

Technological Institute of the Philippines
938 Aurora Blvd. Cubao, Quezon City

College of Information Technology Education

IT 004– Web Systems and Technologies

Final Period
Altering Table Structures; and
Adding Image File in the Table Records

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Program / Section: IT12S21	Instructor: Ms. Roxanne A. Pagaduan
Assessment Task: Quiz No 6	

Instructions:

- Provide screenshots to satisfy the requirements. (note: include screenshot of source code and sample run-time output in every source code and output changes)
- Include your **FULLNAME** in every screenshot.
- You are required to provide the screenshot of your source code for each file like (.html, .css, .js, .php) and a sample output running in the browser.
- Include a brief description in each screenshot.
- Use appropriate filename in saving your files.
- Save your work as **SURNAME_Quiz6.DOCX** (Ex. PAGADUAN_Quiz6.DOCX and .PDF)

Requirements:

1. Open and modify your php_connection database created from previous activity to satisfy the requirements.
2. Start up your server and database using php and mysql respectively.
3. Using myphpAdmin, alter the table structure and add a new column (image file type).
4. Provide the complete step-by-step procedure in adding a new image file column in the table. Include description as possible in each screenshot. Also, label each image number and include a brief description in each image.
5. Provide the final source code of all scripts (index.php, connection.php, edit.php, delete.php, etc).
6. Provide screenshot of all scripts and myphpAdmin (table structure).
7. Display the final output at running in any browser.

Note: Refer on the provided steps. (see File Maintenance using PHP and MYSQL part1a and part2b videos)

Video Link: <https://www.youtube.com/watch?v=1IbXtIPWM3s>

ANSWER:

Source Code:

index.php

```
<?php
include "connection.php";
?>

<!DOCTYPE html>
<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=1.0">
    <link
rel="stylesheet"href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<body>
    <div class="container">
        <div class="col-lg-4">
            <h2>Gourmet Hotel
Reservation List</h2>
            <form action=""
name="form1" method="post"
enctype="multipart/form-data">
                <div
class="form-group">
                    <label
for="image">Image</label>
                    <input
type="file" class="form-control" name="f1">
                </div>
                <div
class="form-group">
                    <label
for="email">First Name</label>
```

```
                    <input
type="text" class="form-control" id="firstname"
placeholder="Enter First Name"
name="firstname">
                </div>
            </div>
            class="form-group">
                <label
for="pwd">Last Name</label>
                <input
type="text" class="form-control" id="lastname"
placeholder="Enter Last Name"
name="lastname">
            </div>
            <div
class="form-group">
                <label
for="email">Email Address</label>
                <input
type="email" class="form-control" id="email"
placeholder="Enter Email Address"
name="email">
            </div>
            class="form-group">
                <label
for="pwd">Contact Number</label>
                <input
type="text" class="form-control" id="contact"
placeholder="Enter Contact Number"
name="contact">
            </div>
            <button
type="submit" name="insert" class="btn btn-
default">Insert</button>
            <button
type="submit" name="update" class="btn btn-
default">Update</button>
```

```

        <button
type="submit" name="delete" class="btn btn-
default">Delete</button>
    </form>
</div>
</div>
<div class="col-lg-12">
<table class="table table-bordered">
    <thead>
        <tr>
            <th>ID</th>
            <th>Image</th>
            <th>First
Name</th>
            <th>Last
Name</th>
            <th>Email
Address</th>
            <th>Contact
Number</th>
        </tr>
    </thead>
    <tbody>
        <?php
$res=mysqli_query($link,"select * from
table1");while($row=mysqli_fetch_array($res))
        {echo "<tr>";
            echo
"<td>"; echo $row["id"]; echo "</td>";
            echo
"<td>"; ?> " height="100" width="100"> <?php
echo"</td>";
            echo
"<td>"; echo $row["firstname"]; echo "</td>";
            echo
"<td>"; echo $row["lastname"]; echo "</td>";
            echo
"<td>"; echo $row["email"]; echo "</td>";
            echo
"<td>"; echo $row["contact"]; echo "</td>";
            echo
"<td>"; ?> <a href="edit.php?id=<?php echo
$row["id"]; ?>">Edit</button></a> <?php echo "</td>";
            echo
"<td>"; ?> <a href="delete.php?id=<?php echo

```

```

$row["id"]; ?>">Delete</button></a> <?php echo
"</td>";
            echo "</tr>";
        }
    ?>
</tbody>
</table>
</div>
</body>
<?php
if(isset($_POST["insert"]))
{
    $tm=md5(time());
    $fnm=$_FILES["f1"]["name"];
    $dst="./images/".$tm.$fnm;
    $dst1="images/".$tm.$fnm;
    move_uploaded_file($_FILES["f1"]["tmp_
name"],$dst);

    mysqli_query($link,"insert into table1
values(NULL,$dst1,'$_POST[firstname]'
,$_POST[lastname'],$_POST[email'],$_POST[c
ontact]");
    ?>
    <script type="text/javascript">
        window.location.href=window.location.hr
ef;
    </script>
    <?php
}
if(isset($_POST["delete"]))
{
    mysqli_query($link, "delete from table1
where firstname='$_POST[firstname]'" or
die(mysqli_error($link));
}
if(isset($_POST["update"]))
{
    mysqli_query($link, "update table1 set
firstname='$_POST[lastname]' where
firstname='$_POST[firstname]'" or
die(mysqli_error($link));
}
?>
</html>

```

edit.php

```
<?php
include "connection.php";
$id=$_GET["id"];
$firstname="";
$lastname="";
$email="";
$contact="";
$image="";

$res=mysqli_query($link,"select * from table1
where Id=$id");
while($row=mysqli_fetch_array($res))
{
$firstname=$row["firstname"];
$lastname=$row["lastname"];
$email=$row["email"];
$contact=$row["contact"];
$image=$row["image"];
}
?>

<!DOCTYPE html>
<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=1.0">
    <link
rel="stylesheet"href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<body>
    <div class="container">
        <div class="col-lg-4">
            <h2>Vertical (basic)
form</h2>
```

```
<form action=""
name="form1" method="post"
enctype="multipart/form-data">
    

    <div
class="form-group">
        <label
for="image">Image</label>
        <input
type="file" class="form-control" name="f1">
    </div>
    <div
class="form-group">
        <label
for="email">firstname</label>
        <input
type="text" class="form-control" id="firstname"
placeholder="Enter firstname"
name="firstname" value="<?php echo
$firstname; ?>">
    </div>
    <div
class="form-group">
        <label
for="pwd">lastname</label>
        <input
type="text" class="form-control" id="lastname"
placeholder="Enter lastname"
name="lastname" value="<?php echo
$lastname; ?>">
    </div>
    <div
class="form-group">
        <label
for="email">email</label>
        <input
type="email" class="form-control" id="email"
placeholder="Enter email" name="email"
value="<?php echo $email; ?>">
    </div>
    <div
class="form-group">
```

```

                                <label
for="pwd">contact</label>
                                <input
type="text"   class="form-control"   id="contact"
placeholder="Enter contact"

                                name="contact"   value="<?php   echo
$contact; ?>"
                                </div>

                                <button
type="submit" name="update" class="btn btn-
default">Update</button>

                                </form>
                                </div>
                                </div>

```

```

</body>
<?php
    if(isset($_POST["update"]))
    {
        $tm=md5(time());
        $fnm=$_FILES["f1"]["name"];
        if($fnm=="")
        {

            mysqli_query($link,"update table1 set

            firstname='$_POST[firstname]',lastname
            ='$_POST[lastname]',email='$_POST[email]',con
            tact='$_POST

            [contact]' where id=$id");
        }
        else
        {

            $dst="./images/".$tm.$fnm;

            $dst1="images/".$tm.$fnm;

            move_uploaded_file($_FILES["f1"]["tmp_
            name"],$dst);

            mysqli_query($link,"update table1 set

```

```

            image='$dst1',firstname='$_POST[firstna
            me]',lastname='$_POST[lastname]',email='$_PO
            ST[email]',contact='$_POST

            [contact]' where id=$id");
        }

    ?>
    <script type="text/javascript">
        window.location="index.php";
    </script>
    <?php
    }
    ?>
</html>

```

delete.php

```
<?php
include "connection.php";
$id=$_GET["id"];
mysqli_query($link, "delete from table1 where id=$id");
?>
<script type="text/javascript">
window.location="index.php";
</script>
```

connection.php

```
<?php
$link=mysqli_connect("localhost", "root", "") or die (mysqli_error($link));
mysqli_select_db($link,"php_connection") or die (mysqli_error($link));
?>
```

Screenshots of Code Source:

```
Index.php
1  <?php
2  include "connection.php";
3  ?>
4
5  <!DOCTYPE html>
6  <html lang="en">
7  <head>
8      <meta charset="UTF-8">
9      <meta http-equiv="X-UA-Compatible" content="IE=edge">
10     <meta name="viewport" content="width=device-width, initial-scale=1.0">
11     <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
12     <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
13     <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
14 </head>
15 <body>
16     <div class="container">
17         <div class="col-lg-4">
18             <h2>Gourmet Hotel Reservation List</h2>
19             <form action="" name="form1" method="post" enctype="multipart/form-data">
20                 <div class="form-group">
21                     <label for="image">Image</label>
22                     <input type="file" class="form-control" name="f1">
23                 </div>
24                 <div class="form-group">
25                     <label for="email">First Name</label>
26                     <input type="text" class="form-control" id="firstname" placeholder="Enter First Name"
27                         name="firstname">
28                 </div>
29                 <div class="form-group">
30                     <label for="pwd">Last Name</label>
31                     <input type="text" class="form-control" id="lastname" placeholder="Enter Last Name"
32                         name="lastname">
33                 </div>
34                 <div class="form-group">
35                     <label for="email">Email Address</label>
36                     <input type="email" class="form-control" id="email" placeholder="Enter Email Address" name="email">
37                 </div>
38                 <div class="form-group">
39                     <label for="pwd">Contact Number</label>
40                     <input type="text" class="form-control" id="contact" placeholder="Enter Contact Number"
41                         name="contact">
42                 </div>
43                 <button type="submit" name="insert" class="btn btn-default">Insert</button>
44                 <button type="submit" name="update" class="btn btn-default">Update</button>
45                 <button type="submit" name="delete" class="btn btn-default">Delete</button>
46             </form>
47         </div>
48     </div>
49     <div class="col-lg-12">
50         <table class="table table-bordered">
51             <thead>
52                 <tr>
53                     <th>ID</th>
54                     <th>Image</th>
55                     <th>First Name</th>
56                     <th>Last Name</th>
57                     <th>Email Address</th>
58                     <th>Contact Number</th>
59                 </tr>
60             </thead>
```

Figure 1. index.php part 1

I simply altered several formats and text after copying the code from our professor's tutorial. The user must fill up a form with information such as their image, first and last names, email address, and contact information. The insert, update, and delete buttons are all located below that.

```

61     </thead>
62     <tbody>
63     <?php
64         $res=mysqli_query($link,"select * from table1");while($row=mysqli_fetch_array($res))
65         {echo "<tr>";
66             echo "<td>"; echo $row["id"]; echo "</td>";
67             echo "<td>"; ?> <img src=?php echo $row["image"]; ?>" height="100" width="100"> <?php echo "</td>";
68             echo "<td>"; echo $row["firstname"]; echo "</td>";
69             echo "<td>"; echo $row["lastname"]; echo "</td>";
70             echo "<td>"; echo $row["email"]; echo "</td>";
71             echo "<td>"; echo $row["contact"]; echo "</td>";
72             echo "<td>"; ?> <a href="edit.php?id=?php echo $row["id"]; ?>"><button type="button" class="btn-success">Edit</button></a> <?php echo "</td>";
73             echo "<td>"; ?> <a href="delete.php?id=?php echo $row["id"]; ?>"><button type="button" class="btn-danger">Delete</button></a> <?php echo "</td>";
74             echo "</tr>";
75         }
76     }
77     </tbody>
78 </table>
79 </div>
80 </body>
81 <?php
82 if(isset($_POST["insert"]))
83 {
84     $tm=md5(time());
85     $fnm=$_FILES["f1"]["name"];
86     $dst="./images/".$tm.$fnm;
87     $dst1="images/".$tm.$fnm;
88     move_uploaded_file($_FILES["f1"]["tmp_name"],$dst);
89
90     mysqli_query($link,"insert into table1
91 values(NULL, '$dst1', '$_POST[firstname]', '$_POST[lastname]', '$_POST[email]', '$_POST[contact]')");
92 }
93
94 <script type="text/javascript">
95     window.location.href=window.location.href;
96 </script>
97 <?php
98 }
99 if(isset($_POST["delete"]))
100 {
101     mysqli_query($link, "delete from table1 where firstname='$_POST[firstname]'" or
102     die(mysqli_error($link));
103 }
104 if(isset($_POST["update"]))
105 {
106     mysqli_query($link, "update table1 set firstname='$_POST[lastname]' where
107     firstname='$_POST[firstname]'" or die(mysqli_error($link));
108 }
109 ?>
110 </html>

```

Name: BUENAVENTURA, ARISTOTLE C.

Figure 1.1 index.php part 2

This is an extension of the index.php file. First, the code has static values for each variable, but when PHP is used, it becomes dynamic. The values will now be defended based on user input. PHP will just display the values from the database in the website's interface.


```

edit.php
1  <?php
2      include "connection.php";
3      $id=$_GET["id"];
4      $firstname="";
5      $lastname="";
6      $email="";
7      $contact="";
8      $image="";
9
10     $res=mysqli_query($link,"select * from table1 where Id=$id");
11     while($row=mysqli_fetch_array($res))
12     {
13         $firstname=$row["firstname"];
14         $lastname=$row["lastname"];
15         $email=$row["email"];
16         $contact=$row["contact"];
17         $image=$row["image"];
18     }
19 }
20
21 <!DOCTYPE html>
22 <html lang="en">
23 <head>
24     <meta charset="UTF-8">
25     <meta http-equiv="X-UA-Compatible" content="IE=edge">
26     <meta name="viewport" content="width=device-width, initial-scale=1.0">
27     <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
28     <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
29     <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
30 </head>
31 <body>
32     <div class="container">
33         <div class="col-lg-4">
34             <h2>Vertical (basic) form</h2>
35             <form action="" name="form1" method="post" enctype="multipart/form-data">
36                 
37
38                 <div class="form-group">
39                     <label for="image">Image</label>
40                     <input type="file" class="form-control" name="fi">
41                 </div>
42                 <div class="form-group">
43                     <label for="email">firstname</label>
44                     <input type="text" class="form-control" id="firstname" placeholder="Enter firstname"
45                     name="firstname" value="<?php echo $firstname; ?>">
46                 </div>
47                 <div class="form-group">
48                     <label for="pwd">lastname</label>
49                     <input type="text" class="form-control" id="lastname" placeholder="Enter lastname"
50                     name="lastname" value="<?php echo $lastname; ?>">
51                 </div>
52                 <div class="form-group">
53                     <label for="email">email</label>
54                     <input type="email" class="form-control" id="email" placeholder="Enter email" name="email"
55                     value="<?php echo $email; ?>">
56                 </div>
57                 <div class="form-group">
58                     <label for="pwd">contact</label>
59                     <input type="text" class="form-control" id="contact" placeholder="Enter contact"
60                     name="contact" value="<?php echo $contact; ?>">

```

Name: BUENAVENTURA, ARISTOTLE C.

Figure 2. edit.php part 1

This is the editing section, where I just duplicated the index.php code block and eliminated some features because this is a new website. When a user hits the Update button, a new page appears, allowing them to edit the account they want to change.

```

61         </div>
62
63         <button type="submit" name="update" class="btn btn-default">Update</button>
64
65     </form>
66 </div>
67 </div>
68 </div>
69
70 </body>
71 <?php
72     if(isset($_POST["update"]))
73     {
74         $tm=md5(time());
75         $fnm=$_FILES["f1"]["name"];
76         if($fnm=="")
77         {
78             mysqli_query($link,"update table1 set
79             firstname='$_POST[firstname]',lastname='$_POST[lastname]',email='$_POST[email]',contact='$_POST
80             [contact]' where id=$id");
81         }
82         else
83         {
84             $dst="./images/".$tm.$fnm;
85             $dst1="images/".$tm.$fnm;
86             move_uploaded_file($_FILES["f1"]["tmp_name"],$dst);
87
88             mysqli_query($link,"update table1 set
89             image='$dst1',firstname='$_POST[firstname]',lastname='$_POST[lastname]',email='$_POST[email]',contact='$_POST
90             [contact]' where id=$id");
91         }
92     }
93 >>
94     <script type="text/javascript">
95         window.location="index.php";
96     </script>
97 <?php
98 }
99 >>
100 </html>

```

Name: BUENAVENTURA, ARISTOTLE C.

Figure 2.1. edit.php part 2

This is the second step of the editing process. The PHP code below is for changing database data, and the revised information will appear on the website so that the user can view the changes.

```
delete.php
1  <?php
2  include "connection.php";
3  $id=$_GET["id"];
4  mysqli_query($link, "delete from table1 where id=$id");
5  ?>
6  <script type="text/javascript">
7  window.location="index.php";
8  </script>
9  
```

Figure 3. delete.php

This is the code for deleting an account in the database that will also reflect on the website.

```
connection.php
1  <?php
2  $link=mysqli_connect("localhost", "root", "") or die (mysqli_error($link));
3  mysqli_select_db($link,"php_connection") or die (mysqli_error($link));
4  ?>
```

Figure 4. connection.php

The goal here is to link the website to the localhost. To introduce the connections, the file connection.php was linked in the index.php file.

Sample Output Running in Web Browser:

localhost/php_connectio/index.php x + Name: BUENAVENTURA, ARISTOTLE C

localhost/php_connectio/index.php

Gourmet Hotel Reservation List

Image
 No file chosen

First Name

Last Name

Email Address

Contact Number





ID	Image	First Name	Last Name	Email Address	Contact Number		
15		Aristote	Buenaventura	ars23lei@yahoo.com	09972262437	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
16		Brian	Tabada	briantabada@yahoo.com	09123456789	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
17		Rhaine	Lopez	Rhaine@gmail.com	09967654321	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
18		Alez	Canamo	alez@gmail.com	093579512548	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>

Figure 5. List of Users

This is identical to the prior work, except that the image is now included in the table. When creating an account, you must provide your first and last names, email address, phone number, and photo. A specific account can be added, updated, or deleted by the Admin.

The screenshot shows a web browser window with a red title bar. The address bar displays 'localhost/php_connection/edit.php?id=15'. The page title is 'Name: BUENAVENTURA, ARISTOTLE C.'. The main content area is titled 'Vertical (basic) form' and contains a vertical form with the following elements:

- image**: A small profile picture of a man. Below it is a file selection button labeled 'Choose File' with the text 'No file chosen'.
- firstname**: A text input field containing the value 'Aristotle'.
- lastname**: A text input field containing the value 'Buenaventura'.
- email**: A text input field containing the value 'ars23le@yahoo.com'.
- contact**: A text input field containing the value '0997262437'.
- Update**: A button at the bottom of the form.

Figure 5.1 Update Information

By simply clicking the Select file button, the admin can change the image of a certain account; a pop-up folder will appear, from which the admin can select an image. The administrator must then click the update button.

localhost/php_connection/index.php

Name: BUENAVENTURA, ARISTOTLE O.

Gourmet Hotel

Reservation List

Image

Choose File No file chosen

First Name

Enter First Name

Last Name

Enter Last Name

Email Address

Enter Email Address

Contact Number

Enter Contact Number

Insert

Update

Delete





ID	Image	First Name	Last Name	Email Address	Contact Number		
15		Aristotle	Buenaventura	aris23lei@yahoo.com	Array [contact]	Edit	Delete
16		Brian	Tabada	briantabada@yahoo.com	09123456789	Edit	Delete
17		Rhaine	Lopez	Rhaine@gmail.com	09987654321	Edit	Delete
18		Alez	Canamo	alez@gmail.com	093579512648	Edit	Delete

Figure 5.1 Updated Information

The new information for the specific account will appear in the table after the admin clicks the update button. As you can see, Aristotle's photograph has changed from the previous one.

Honor Pledge

"I affirm that I have not given or received any unauthorized help on this assignment, and that this work is my own."