

DATABASE MANAGEMENT SYSTEM LAB CSE-403L

SEMESTER:6TH



LAB REPORT # 7

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Tasks

1) Display the data from a database in a html table using php.

```
<!-- PHP code to establish connection with the localserver -->
<?php

// Username is root
$user = 'root';
$password = '';

// Database name is lab6
$database = 'lab6';

// Server is localhost with
// port number 3306
$servername='localhost:3306';
$mysqli = new mysqli($servername, $user,
                    $password, $database);

// Checking for connections
if ($mysqli->connect_error) {
    die('Connect Error (' .
        $mysqli->connect_errno . ') '.
        $mysqli->connect_error);
}

// SQL query to select data from database
$sql = " SELECT * FROM membertable ";
$result = $mysqli->query($sql);
$mysqli->close();
?>

<!-- HTML code to display data in tabular format -->
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <title>database</title>
    <!-- CSS FOR STYLING THE PAGE -->
    <style>
        table {
            margin: 0 auto;
            font-size: large;
            border: 1px solid black;
        }
    </style>
</head>
<body>
    <table border="1">
        <thead>
            <tr>
                <th>id</th>
                <th>name</th>
                <th>email</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>1</td>
                <td>John</td>
                <td>john@example.com</td>
            </tr>
            <tr>
                <td>2</td>
                <td>Jane</td>
                <td>jane@example.com</td>
            </tr>
            <tr>
                <td>3</td>
                <td>Mike</td>
                <td>mike@example.com</td>
            </tr>
            <tr>
                <td>4</td>
                <td>Sarah</td>
                <td>sarah@example.com</td>
            </tr>
            <tr>
                <td>5</td>
                <td>David</td>
                <td>david@example.com</td>
            </tr>
        </tbody>
    </table>
</body>
</html>
```

```

h1 {
    text-align: center;
    color: rgb(25, 27, 26) ;
    font-size: xx-large;
    font-family: 'Gill Sans', 'Gill Sans MT',
        ' Calibri', 'Trebuchet MS', 'sans-serif';
}

td {
    background-color: coral;
    border: 1px solid black;
}

th,
td {
    font-weight: bold;
    border: 1px solid black;
    padding: 10px;
    text-align: center;
}

td {
    font-weight: lighter;
}
</style>
</head>

<body>
    <section>
        <h1>Database lab6</h1>
        <!-- TABLE CONSTRUCTION -->
        <table>
            <tr>
                <th>Memberid</th>
                <th>First Name</th>
                <th>Last Name</th>
                <th>Handicap</th>
                <th>Gender</th>
                <th>Team</th>
                <th>Mtype</th>
                <th>Coach</th>
                <th>Phone</th>
                <th>Join Date</th>
            </tr>

```

```
<!-- PHP CODE TO FETCH DATA FROM ROWS -->
<?php
    // LOOP TILL END OF DATA
    while($rows=$result->fetch_assoc())
    {
?>
<tr>
    <!-- FETCHING DATA FROM EACH
         ROW OF EVERY COLUMN -->
        <td><?php echo $rows['memberid'];?></td>
        <td><?php echo $rows['f_name'];?></td>
        <td><?php echo $rows['l_name'];?></td>
        <td><?php echo $rows['handicap'];?></td>
        <td><?php echo $rows['gender'];?></td>
        <td><?php echo $rows['team'];?></td>
        <td><?php echo $rows['mtype'];?></td>
        <td><?php echo $rows['coach'];?></td>
        <td><?php echo $rows['phone'];?></td>
        <td><?php echo $rows['join_date'];?></td>

    </tr>
    <?php
        }
    ?>
</table>
</section>
</body>

</html>
```

Database lab6

| Memberid | First Name | Last Name | Handicap | Gender | Team | Mtype | Coach | Phone | Join Date |
|----------|------------|-----------|----------|--------|-------|--------|-------|--------|------------|
| 118 | zainab | khalid | 30 | F | | junior | 153 | 963270 | 2001-04-07 |
| 138 | michael | stone | 30 | M | | senior | | 98332 | 2000-09-24 |
| 153 | brenda | nolan | 11 | F | TeamB | senior | | 945221 | 2010-07-17 |
| 112 | atiqa | azeem | 13 | F | TeamA | junior | | 761144 | 2001-01-04 |
| 22 | areeba | azeem | 15 | F | TeamA | junior | | 767362 | 1999-03-15 |
| 212 | maria | azeem | 67 | F | TeamA | junior | | 767362 | 2019-11-20 |
| 52 | Ali | khan | | M | TeamB | senior | 20 | 352277 | 2022-06-08 |

2) Create a drop down list in html where the content should come from a database table.

```
<style>
  body{
    background-color:rgb(124, 114, 114);
    margin:10px;
    padding:7px;
    font-size: larger;
    font-weight: 200;
    font-style: normal;

  }
  select{
    padding: 3px;
    margin:auto;
    color: rgb(30, 32, 32);
    border: 1px solid black;
    border-radius: 3px;
    font-family:'Times New Roman', Times, serif;
  }
</style>

<?php
echo "<h1>DROP DOWN MENU</h1>";
$mysqli= NEW mysqli('localhost','root','','db2022');
$resultSet=$mysqli->query("SELECT empName FROM emp");
```

```

echo "<br>";
$result=$mysqli->query("SELECT empJob FROM emp");

$result1=$mysqli->query("SELECT empID FROM emp");
?>
<label><b>Name: </b></label>
<select name="emp">

    <?php
    while ($rows = $resultSet->fetch_assoc())
    {
        $empName=$rows['empName'];
        echo "<option value='$empName'>$empName</option>";

    }
    ?>

</select>
</br>
</br>

<label><b>Job: </b> </label>
<select name="emp">
    <?php
    echo "<br>";
    while ($rows = $result->fetch_assoc())
    {
        $empJob=$rows['empJob'];
        echo "<option value='$empJob'>$empJob</option>";

    }
    ?>
</select>

</select>
</br>
</br>

<label><b>ID: </b> </label>
<select name="emp">
    <?php
    echo "<br>";
    while ($rows = $result1->fetch_assoc())
    {

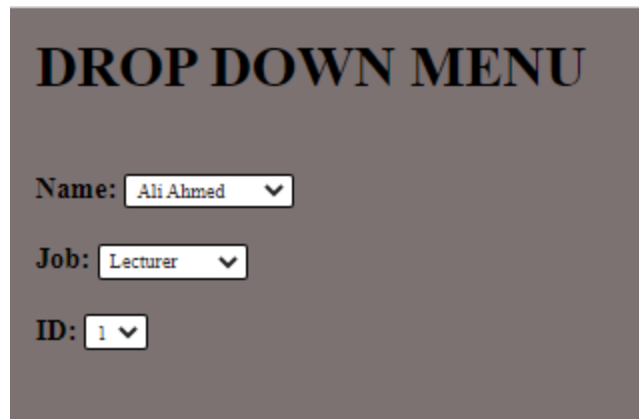
```

```

$empID=$rows['empID'];
echo "<option value='$empID'$empID</option>";

}
?>
</select>

```



DROP DOWN MENU

Name:

Job:

ID:

3) Create a form which takes “id” from user and then delete the record from database. Once the user press “delete” button, he gets redirected to another page with message “record deleted successfully” and the updated table content is shown.

```

<!DOCTYPE html>
<html>
  <head>
    <title> PHP DELETE DATA </title>

    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <style>
      h1{
        padding-top: 8%;
        color: black;
        font-family:'Times New Roman', Times, serif;
        margin: auto;
      }
      body{
        background-color: bisque;
        margin: auto;

```

```

        text-align: center;
        font-size: larger;
        font-style: italic;
        color: rgb(255, 153, 0);
    }
    form{
        margin:auto;
        padding: 10px;
        color: rgb(3, 3, 3);
        font-style: initial;
    }

</style>
</head>

<body>
    <h1>Data Deletion</h1>
    <form action="redirect.php" method="post">
        <label>Enter ID:</label>
        <input type="text" name="id" required><br><br>
        <input type="submit" name="delete" value="Delete">

    </form>
</body>
</html>

```

Redirection page:

```

<?php

// php code to Delete data from mysql database

if(isset($_POST['delete']))
{
    $hostname = "localhost";
    $username = "root";
    $password = "";
    $databaseName = "lab6";

    // get id to delete
    $id = $_POST['id'];

    // connect to mysql
    $connect = mysqli_connect($hostname, $username, $password, $databaseName);

```



```
// mysql delete query
$query = "DELETE FROM `membertable` WHERE `memberid` = $id";
$result = mysqli_query($connect, $query);

if($result)
{
    echo '<h1> Data Deleted Successfully</h1>';
}
else{
    echo 'ERROR: Data Not Deleted because invalid id ';
}
mysqli_close($connect);
}
?>

<style>
h1{
    color: rgb(189, 4, 4);
    font-size: xx-large;
    font: bolder;
    text-align: center;
    padding:15%;
    margin: auto;
    font-family:Georgia, 'Times New Roman', Times, serif
}
body{
background-color:rgb(252, 245, 245);
}
</style>
```

```
MariaDB [lab6]> select * from membertable;
```

| memberid | f_name | l_name | handicap | gender | team | mtype | coach | phone | join_date |
|----------|---------|--------|----------|--------|-------|--------|-------|--------|------------|
| 5 | zainab | khalid | 30 | F | NULL | junior | 153 | 963270 | 2001-04-07 |
| 8 | michael | stone | 30 | M | NULL | senior | NULL | 98332 | 2000-09-24 |
| 13 | brenda | nolan | 11 | F | TeamB | senior | NULL | 945221 | 2010-07-17 |
| 15 | atiqa | azeem | 13 | F | TeamA | junior | NULL | 761144 | 2001-01-04 |
| 20 | maria | azeem | 67 | F | TeamA | junior | NULL | 767362 | 2019-11-20 |

```
5 rows in set (0.124 sec)
```

Data Deletion

Enter ID:

Delete

Data Deleted Successfully

```
MariaDB [lab6]> select * from membtable;
```

| memberid | f_name | l_name | handicap | gender | team | mtype | coach | phone | join_date |
|----------|---------|--------|----------|--------|-------|--------|-------|--------|------------|
| 5 | zainab | khalid | 30 | F | NULL | junior | 153 | 963270 | 2001-04-07 |
| 8 | michael | stone | 30 | M | NULL | senior | NULL | 98332 | 2000-09-24 |
| 15 | atiqa | azeem | 13 | F | TeamA | junior | NULL | 761144 | 2001-01-04 |
| 20 | maria | azeem | 67 | F | TeamA | junior | NULL | 767362 | 2019-11-20 |

4 rows in set (0.000 sec)

4) Repeat task three but this time for “update” operation.

Code:

```
<!DOCTYPE html>
<html>
  <head>
    <title> PHP UPDATE DATA </title>

    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <style>
```

```

        h1{
            padding-top: 8%;
            color: black;
            font-family:'Times New Roman', Times, serif;
            margin: auto;
        }
        body{
            background-color: whitesmoke;
            margin: auto;
            text-align: center;
            font-size: larger;
            font-style: italic;
            color: rgb(255, 153, 0);
        }
        form{
            margin:auto;
            padding: 10px;
            color: rgb(3, 3, 3);
            font-style: initial;
        }

    </style>
</head>

<body>
    <h1>UPDATE DATA:</h1>
    <form action="datatobeupdate.php" method="post">
        <label>Enter ID:</label>
        <input type="text" name="id" required><br><br>

        <input type="submit" name="Next" value="Next">
    </form>
</body>
</html>

```

Data to be updated:

```

<!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">
    <title>Document</title>

```

```

<style>
    h1{
        padding-top: 8%;
        color: black;
        font-family:sans-serif
        margin: auto;
    }
    body{
        background-color: whitesmoke;
        margin: auto;
        text-align: center;
        font-size: larger;
        font-style: italic;
        color: rgb(255, 153, 0);
    }
    form{
        margin:auto;
        padding: 10px;
        color: rgb(3, 3, 3);
        font-style: initial;
    }

</style>

</head>
<body>
    <form action="redirect.php">
    <h1>Enter data to be updated: </h1>

    <!-- <label>New ID:</label>
    <input type="text" name="m_id" ><br><br> -->
    <label>First Name:</label>
    <input type="text" name="f_name" ><br><br>
    <label>Last Name:</label>
    <input type="text" name="l_name" ><br><br>
    <!-- <label>Gender:</label>
    <input type="text" name="gender" ><br><br>
    <label>Handicap:</label>
    <input type="text" name="handicap" ><br><br>
    <label>Team:</label>
    <input type="text" name="team" ><br><br>
    <label>Coach:</label>
    <input type="text" name="coach" ><br><br>
    <label>Phone:</label>

```

```

<input type="phone" name="phone" ><br><br>
<label>Join Date:</label>
<input type="date" name="date" ><br><br>
<label>Member Type:</label>
<input type="text" name="mtype" ><br><br> -->

<input type="submit" name="Update" value="Update">

</form>
</body>
</html>

```

Redirection page:

```

<?php

// php code to update data from mysql database

if(isset($_POST['update']))
{

    $hostname = "localhost";
    $username = "root";
    $password = "";
    $databaseName = "lab6";

    // get id to update
    $id = $_POST['id'];
    // $id1=$_POST['m_id'];
    $f_name = $_POST['f_name'];
    $l_name = $_POST['l_name'];
    // $gender = $_POST['gender'];
    // $coach = $_POST['coach'];
    // $phone = $_POST['phone'];
    // $mtype = $_POST['mtype'];
    // $team = $_POST['team'];
    // $data = $_POST['date'];
    // $handicap = $_POST['handicap'];
}

```


UPDATE DATA:

Enter ID:

Enter data to be updated:

First Name:

Last Name:

Data Updated Successfully

```
MariaDB [lab6]> select * from membtable;
```

| memberid | f_name | l_name | handicap | gender | team | mtype | coach | phone | join_date |
|----------|--------|--------|----------|--------|-------|--------|-------|--------|------------|
| 5 | zainab | khalid | 30 | F | NULL | junior | 153 | 963270 | 2001-04-07 |
| 8 | areeba | kazmi | 30 | F | NULL | senior | NULL | 98332 | 2000-09-24 |
| 15 | atiqa | azeem | 13 | F | TeamA | junior | NULL | 761144 | 2001-01-04 |
| 20 | Ahmed | Ali | 67 | F | TeamA | junior | NULL | 767362 | 2019-11-20 |

```
4 rows in set (0.000 sec)
```