

Web Technology for bioinformatics

Name - Dharineesh K S

Date - 13/10/2021

Regno - 123013012

Ex.no - 03

Aim:

To create an online course log entry using PHP MySQL

Requirements in the application:

Mysql Database and PHPmyadmin

Details of Online Course Log entry :

In SASTRA University , Online course log entry was available for faculty members for entering the details of video lectures in the portal for a particular course on a daily basis.

The entry details are :

- Topic
- Video Link
- Duration in minutes

Steps for creating following database and tables for the Online Course Log

Application:

- First create the database named “sastradb”.
- Next create the faculty table named “faculty list” in the sastradb database with the following fields : Facultyid, faculty name, password, department
- Insert at least two entries into the faculty list table.
- Next create the “videolectures” table with the following fields: Topic, Video Link, Duration in minutes, faculty id.
- Don't insert any values into the videolectures table. It will be used at the runtime.

Coding segment:

- Create the Login form to get the faculty ID and password(login.php) .
- Verify the username and password and display the course log entry form for the faculty who logged in successfully (usercheck.php).
- Get the course log details and sent to a PHP script for inserting the values into the database(insertvideo.php).
- Create a hyperlink in the page on the usercheck.php page to display the video lectures details entered by the faculty.

Program:

The code below is written in a php file(login.php):

```
<!DOCTYPE html>
<head>
  <title>Login form</title>
  <style>
    .tb{
      background-color: burlywood;
    }
    body{
      background-color: rgba(8, 10, 146, 0.959);
      margin-top: 9%;
      margin-bottom: 9%;
    }
    td{
      background-color: cornflowerblue;
    }
  </style>
</head>
<body>
<form method="POST" action="usercheck.php">
  <table border=1 align="center" class="tb">
    <tr>
      <td align="center">
        <br>
        <br>
        <br>
        <center>
          
        </center>
        <br>
        <br>
        SASTRA DEEMED UNIVERSITY <br>
```

```
Tirumalaisamudram<br>
Thanjavur - 613401<br>
Tamilnadu, India
</td>
<td align="center">
  <h3>eVarsity</h3>
  <h3>ERP for education</h3>
  <br>
  <hr>
  <h3>Enter the user id and password to login</h3>


<table>
  <tr>
    <th align="right">
      Your ID:
    </th>
    <td>
      <input type = "text" name = "userid" placeholder = "user id">
    </td>
  </tr>
  <tr>
    <th align="right">
      Your Password:
    </th>
    <td>
      <input type=password name="pwd" placeholder = 'password'>
    </td>
  </tr>
  <tr>
    <td colspan="2" align = "center">
      <?php
      echo "<style>
      h4{
        background-color : red;
      }
    </td>
  </tr>
```

```

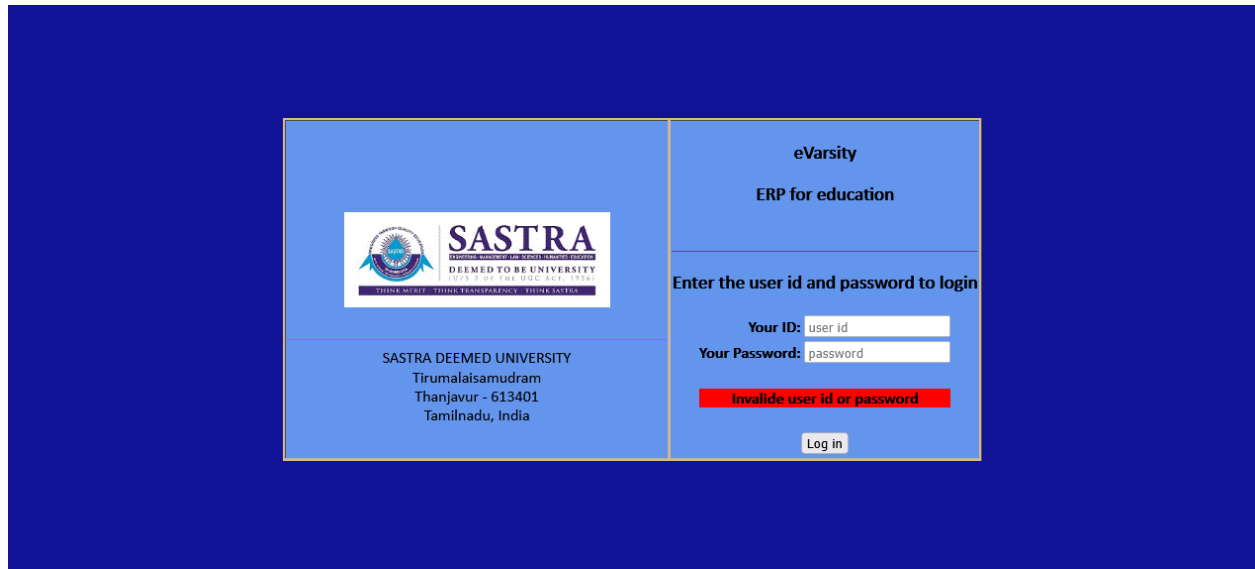
</style>";
if (isset($_GET['value']))
{
    echo "<h4>Invalide user id or password </h4>";
}
?>
</td>
</tr>
<tr>
<td colspan="2" align="center">
<input type="submit" value="Log in">
</td>
</tr>
</table>
</td>
</tr>
</table>
</form>
</body>
</html>

```


Output of php script(login.php):

 <p>SASTRA DEEMED TO BE UNIVERSITY 1973-3 OF THE MGC ACT, 1974 THIRU-MEELI - THIRU-TANDIPAKURAI - TAMILNADU</p>	<p>eVarsity ERP for education</p>
	<p>Enter the user id and password to login</p> <p>Your ID: <input type="text" value="user id"/></p> <p>Your Password: <input type="password" value="password"/></p> <p><input type="button" value="Log in"/></p>
<p>SASTRA DEEMED UNIVERSITY Tirumalaisamudram Thanjavur - 613401 Tamilnadu, India</p>	

If userid or password invalide:



The screenshot shows the SASTRA Deemed University login interface. On the left, there is a logo and the university's name and address. On the right, the 'eVarsity ERP for education' section contains a login form. The form prompts the user to enter their ID and password. Below the input fields, a red error message states 'Invalid user id or password'. A 'Log in' button is located at the bottom right of the form.

 SASTRA DEEMED TO BE UNIVERSITY THINK ALERT · THINK TRANSPARENCY · THINK SASTRA	eVarsity ERP for education
	Enter the user id and password to login Your ID: <input type="text" value="user id"/> Your Password: <input type="password" value="password"/> Invalid user id or password <input type="button" value="Log in"/>

The code below is written in a php file(usercheck.php):

```
<?php
/*
Author : Dharineesh K S
Regno : 123013012
*/
echo "
<html>
<head>
<title>Forms</title>
<link rel=\"stylesheet\" href=\"https://www.w3schools.com/w3css/4/w3.css\">
</head> ";
if(isset($_POST["pwd"]))
{
$uid= $_POST["userid"];
$pwd= $_POST["pwd"];
$connection = mysqli_connect("localhost","root","")or die(mysql_error());
mysqli_select_db($connection,"sastradb")or die(mysql_error());
$sql="select * from facultylist where Facultyid='$uid' and password='$pwd'";
```

```

$query = mysqli_query($connection,$sql) or die(mysql_error());
$num=mysqli_num_rows($query);
echo "<body>";
if($num==1)
{
    echo "<center>Login successfull</center> <br>";
    echo "<center>
    <div class=\"w3-dropdown-hover\">
        <button class=\"w3-button w3-green\">select</button>
        <div class=\"w3-dropdown-content w3-bar-block w3-border\">
            <a href=\"insertvideo.php?userid=$uid\" class=\"w3-bar-item w3-button\">Course log
entry</a>
            <a href=\"showcourselog.php?userid=$uid\" class=\"w3-bar-item
w3-button\">Generate Report</a>
        </div>
    </div></center> " ;
}
else
{
    header("location:login.php?value='Invalide'");
}
}
else
{
    $id = $_GET['userids'];
    echo "<center></center> <br>";
    echo "<center>
    <div class=\"w3-dropdown-hover\">
        <button class=\"w3-button w3-green\">select</button>
        <div class=\"w3-dropdown-content w3-bar-block w3-border\">
            <a href=\"insertvideo.php?userid=$id\" class=\"w3-bar-item w3-button\">Course log
entry</a>
            <a href=\"showcourselog.php?userid=$id\" class=\"w3-bar-item w3-button\">Generate
Report</a>
        </div>
    </div>
    </center> " ;
}
}

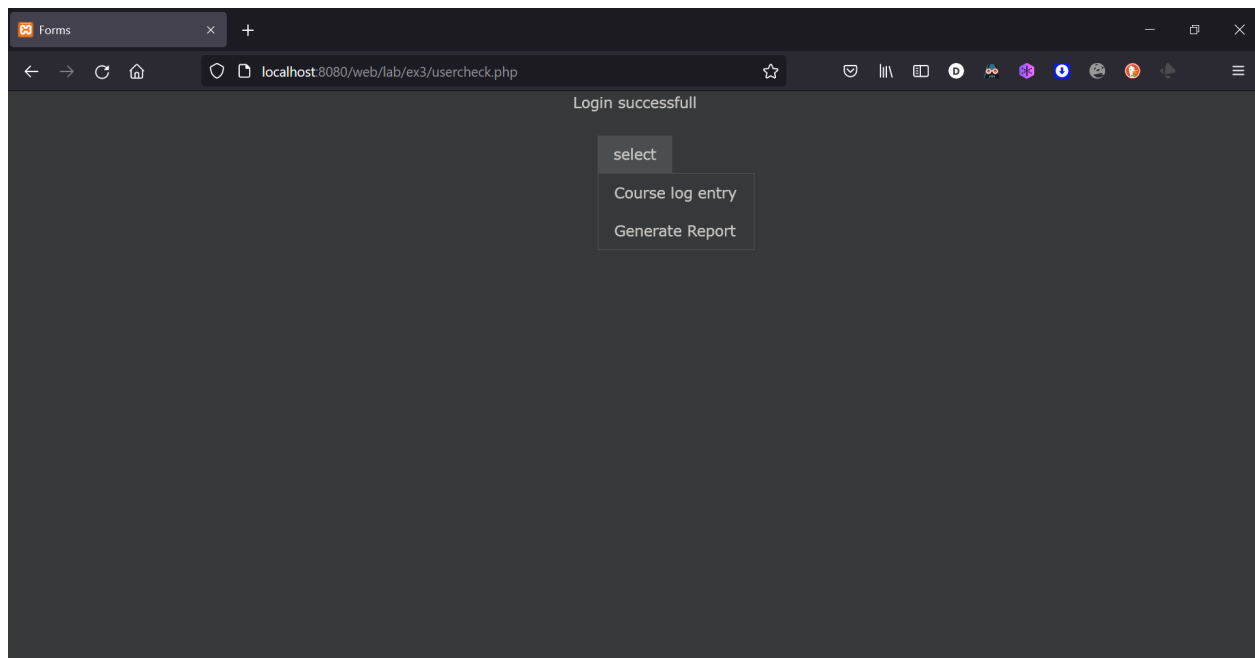
```

```

</div></center> " ;
}
echo"</body>";
echo"</html>";
?>

```

Output of php script(usercheck.php):



The code below is written in a php file(insertvideo.php):

```

<?php
/*
Author : Dharineesh K S
Regno : 123013012
*/
echo "
<html>
<head>
<title>Course log entry form</title>
<style type=\"text/css\">

```

```

body {
    font-family: \"Times New Roman\";
}
</style>
</head> ";
echo "<body>";
$Suid = $_GET['userid'];
echo "<form method=post action = 'courselogentry.php?userid=$Suid'>
Topic <br> <textarea name=topic rows=5 cols=20 ></textarea><br>
Video link <br><input type=text name=vlink size=50><br>
Duration(min) <br><input type=text name=duration placeholder=0><br>
<input type=submit value=Save> </form>";
echo"</body>";
echo"</html>";
?>

```

Output of php script(insertvideo.php):

Course log entry form

localhost:8080/web/lab/ex3/insertvideo.php?userid=c101

Topic

Video link

Duration(min)

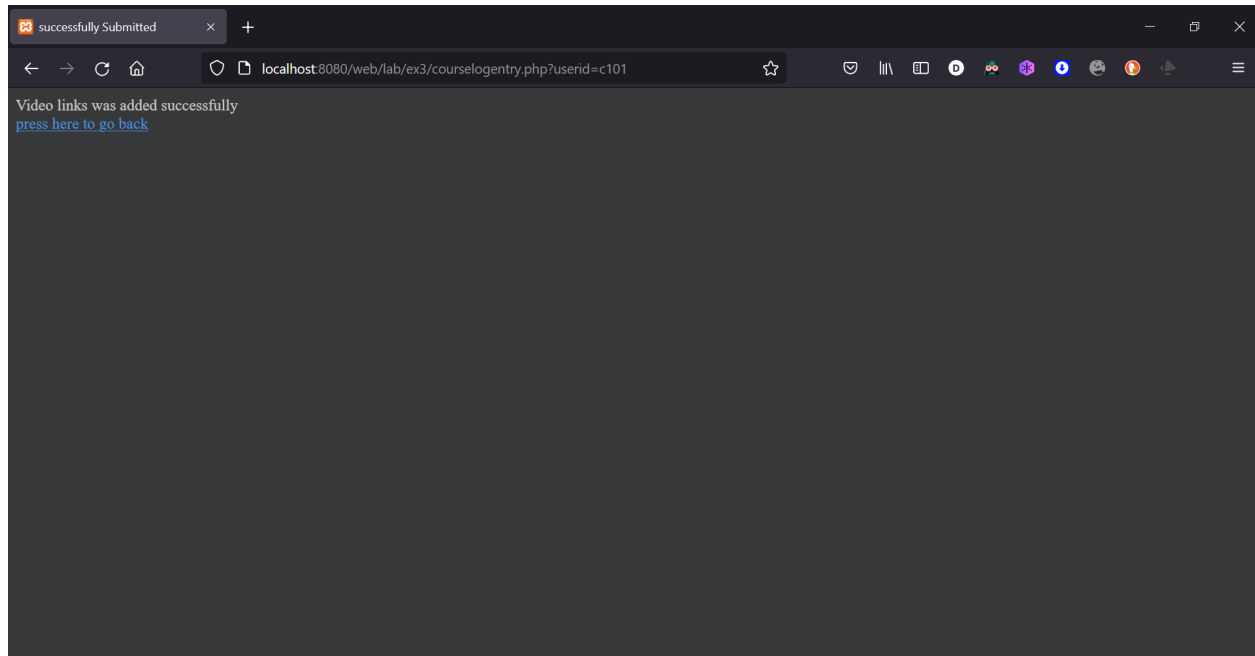
0

Save

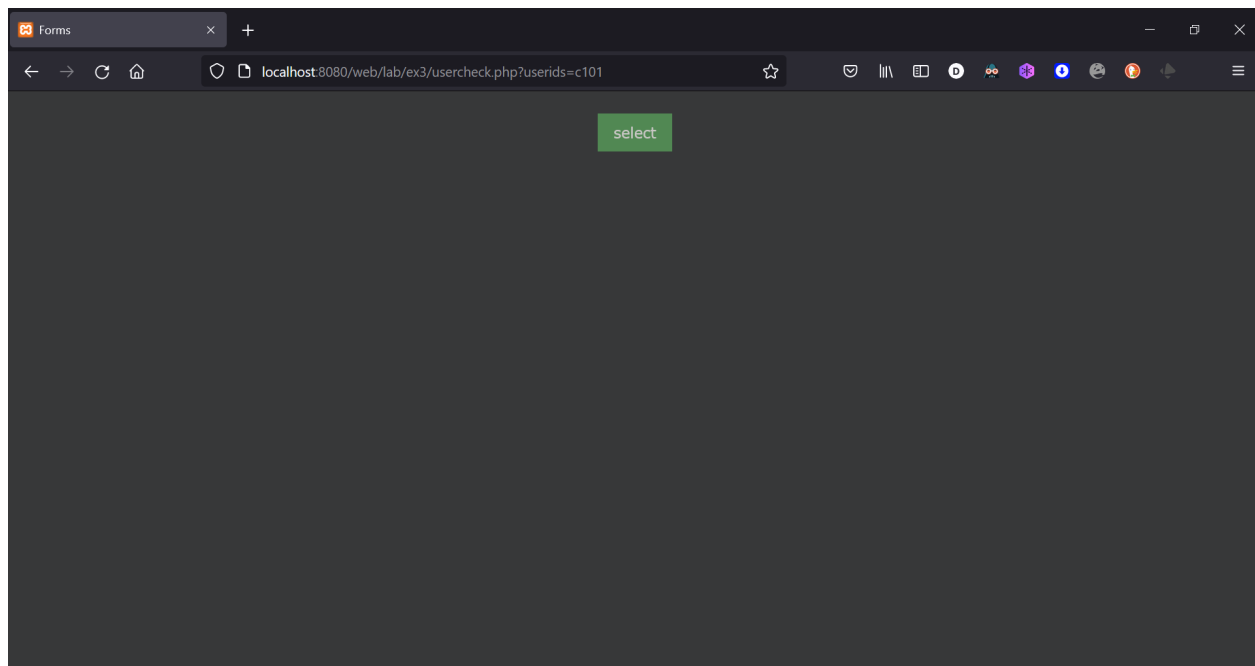
The code below is written in a php file(courselogentry.php):

```
<?php
/*
Author : Dharineesh K S
Regno : 123013012
*/
echo "
<html> <head>
<title>successfully Submitted</title>
<style type=\"text/css\">
    body { font-family: \"Times New Roman\"; }
</style> </head> ";
echo "<body>";
$topic    = $_POST['topic'];
$vlink    = $_POST['vlink'];
$duration = $_POST['duration'];
$uid      = $_GET['userid'];
$connection = mysqli_connect("localhost","root","")or die(mysql_error());
mysqli_select_db($connection,"sastradb")or die(mysql_error());
$sql="insert into videlectures values ('$topic','$vlink',$duration,'$uid')";
mysqli_query($connection,$sql);
echo" Video links was added successfully <br>";
echo "<a href = 'usercheck.php?userids=$uid '>press here to go back</a>";
echo"</body>";
echo"</html>";
?>
```

Output of php script(courselogentry.php):



If click (please here to go back) link, it redirects to forms page:



The code below is written in a php file(showcourselog.php):

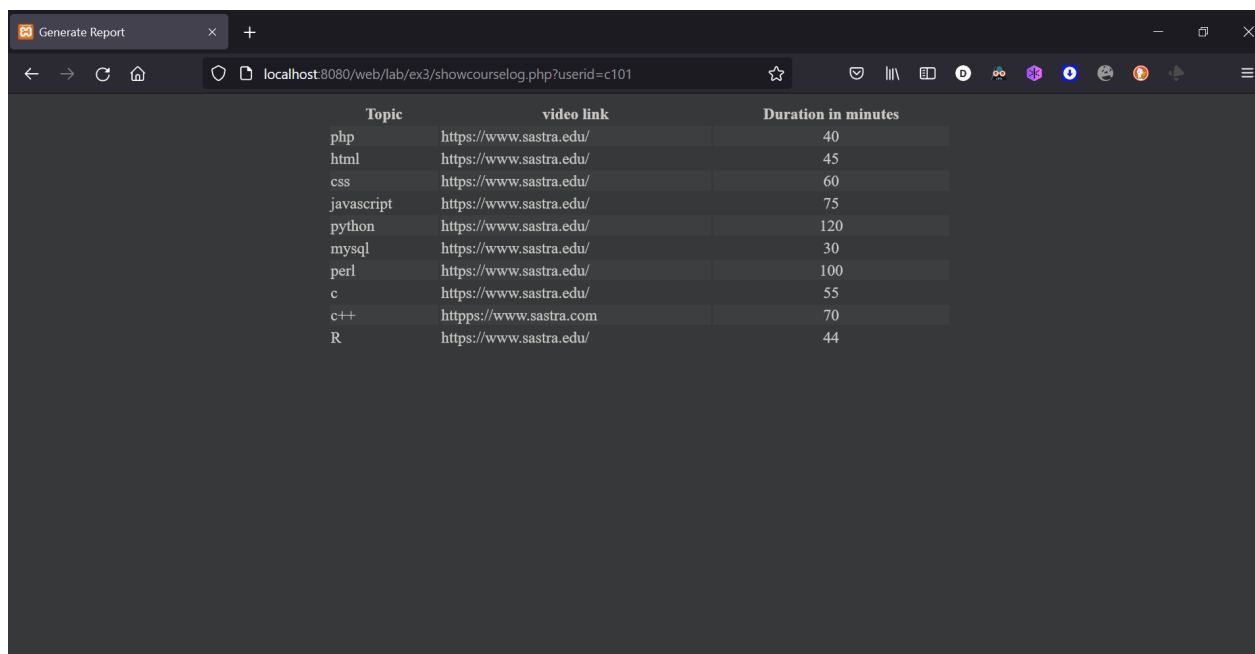
```
<?php
/*
Author : Dharineesh K S
Regno : 123013012
*/
echo "
<html>
<head>
<title>Generate Report</title>
<style type=\"text/css\">
    body {
        font-family: \"Times New Roman\";
    }
    table {
        width: 50%;
    }
    tr:nth-child(even) {
        background-color: #f2f2f2 ;
    }
</style>
</head> ";
echo"<body>";
$Suid = $_GET['userid'];
$connection=mysqli_connect("localhost","root","")or die(mysql_error());
mysqli_select_db($connection,"sastradb")or die(mysql_error());
$sql="select * from videolectures where Facultyid='$Suid'";
$query = mysqli_query($connection,$sql) or die(mysql_error());
echo "<table align='center'><tr><th>Topic</th><th>video link</th><th>Duration in
minutes</th></tr>";
while($row = mysqli_fetch_array($query))
{
    $topic = $row['Topic'];
    $vlink = $row['Video Link'];
```

```

$duration = $row['Duration in minutes'] ;
echo "<tr><td>$topic</td><td>$vlink</td><td align='center'>$duration</td></tr>";
}
echo"</table>";
echo"</body>";
echo"</html>";
?>

```

Output of php script(showcourselog.php):



Topic	video link	Duration in minutes
php	https://www.sastra.edu/	40
html	https://www.sastra.edu/	45
css	https://www.sastra.edu/	60
javascript	https://www.sastra.edu/	75
python	https://www.sastra.edu/	120
mysql	https://www.sastra.edu/	30
perl	https://www.sastra.edu/	100
c	https://www.sastra.edu/	55
c++	https://www.sastra.com	70
R	https://www.sastra.edu/	44

Result:

Hence, successfully created an online course log entry using PHP and MySQL.