**LAB TASK#11**

**Lab11.php**

<!DOCTYPE HTML>

<html>

<head>

<title>Form validation</title>

<link rel="stylesheet" href="index.css">

</head>

<body>

<?php

$servername = "localhost";

$username   = "root";

$password   = "";

//creating connection

$connection = mysqli\_connect($servername , $username , $password);

// connection checking :

 if(!$connection)

 {

     die("connection failed " .mysqli\_connect\_error());

     echo "<br>";

 }

else

{

     echo("Connection Successfull");

     echo "<br>";

}

//  creating database  :

$sql    = "Create Database dbwebEngineering";

$result = mysqli\_query($connection , $sql);

// Checking db creation

if(!$result)

{

   echo "Database Cannot be created : " .mysqli\_connect\_error($connection);

   echo "<br>";

}

else

{

    echo "Database Created Successfully :" ;

    echo "<br>";

}

?>

<?php

echo "<h3> Creating table : </h3>";

$servername = "localhost" ;

$username   = "root";

$password   = "";

$db         = "dbwebEngineering";

$connection = mysqli\_connect($servername , $username , $password , $db);

if(!$connection)

 {

     die("connection failed " .mysqli\_connect\_error());

     echo "<br>";

 }

else

{

     echo("Connection Successfull With dbwebEngineering : ");

     echo "<br>";

}

$table\_01 = "CREATE TABLE Doctor(

    Did INT(2)  PRIMARY KEY,

    Dname VARCHAR(30) NOT NULL,

    Speciality VARCHAR(30) NOT NULL,

    email VARCHAR(50)

)";

$result = mysqli\_query($connection, $table\_01);

if(!$result)

{

   echo "Tables Emp Didn't connected : " .mysqli\_connect\_error();

   echo "<br>";

}

else

{

    echo "Tables Emp Created Successfully :";

    echo "<br>";

}

$table\_02 =  "CREATE TABLE Patient (

PatientId INT(6) UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

PatientName VARCHAR(30) NOT NULL,

PatientLName VARCHAR(30) NOT NULL,

phonenumber INT(15),

email  VARCHAR(40) NOT NULL,

Gender VARCHAR(4) NOT NULL,

Disease VARCHAR(5)

)";

$check  = mysqli\_query($connection, $table\_02);

if(!$check)

{

   echo "Tables Patient Didn't connected : " .mysqli\_connect\_error();

   echo "<br>";

}

else

{

    echo "Tables  Patient Created Successfully :";

    echo "<br>";

}

?>

<?php

$DnameErr = $PnameErr = $phoneErr = $DiseaseErr = $IDErr = $PemailErr = $DemailErr = $numberErr = $genderErr = $SpecialityErr = "";

$Dname = $Demail = $Pemail = $gender = $number = $Did = $Pid = $Speciality = "";

$Disease =  $Pname = $Pname\_02 = $phone ="" ;

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

if (empty($\_POST["Pname"]) || empty($\_POST["Pname\_02"])) {

$PnameErr = "Name is Mandatory";

}

if (empty($\_POST["Dname"])) {

    $DnameErr = "Doctor Name is Mandatory";

}

if (empty($\_POST["Pid"]) || empty($\_POST["Did"]) ) {

$IDErr = "ID is Required";

}

if (empty($\_POST["Disease"])  ) {

$DiseaseErr = "Please Mention the Disease";

}

if (empty($\_POST["Speciality"])  ) {

    $SpecialityErr = "Please Mention the Doctor's Spectiality ";

    }

if (empty($\_POST["number"])) {

$numberErr = "Phone Number is Required";

}

if (empty($\_POST["Pemail"])) {

$PemailErr = "Email is required";

}

else {

    $Pemail = test\_input($\_POST["Pemail"] );

if (!filter\_var($Pemail, FILTER\_VALIDATE\_EMAIL)) {

$PemailErr = "Invalid email format";

}

}

if (empty($\_POST["Demail"])) {

    $DemailErr = "Email is required";

    }

    else {

        $Demail = test\_input($\_POST["Demail"] );

    if (!filter\_var($Demail, FILTER\_VALIDATE\_EMAIL)) {

    $DemailErr = "Invalid email format";

} }

if (empty($\_POST["phone"])) {

$phoneErr = "Phone Number is Required";

}

if (empty($\_POST["gender"])) {

$genderErr = "Gender is required";

} else {

$gender = test\_input($\_POST["gender"]);

}

}

function test\_input($data) {

$data = trim($data);

$data = stripslashes($data);

$data = htmlspecialchars($data);

return $data;

}

?>

<h3>Hayatabad Medical Complex</h3>

<h2>Doctors Details</h2>

<form method="post" action="<?php echo htmlspecialchars($\_SERVER["PHP\_SELF"]);?>">

Doctor Name: <input type="text" name="Dname"><br>

<span class="error"><?php echo $DnameErr;?></span>

<br><br>

Doctor ID <input type="number" name="Did">

<span class="error"><?php echo $IDErr;?></span>

<br><br>

Speciality<input type="text" name="Speciality">

<span class="error"><?php echo $SpecialityErr;?></span>

<br><br>

Email <input type="text" name="Demail">

<span class="error"><?php echo $DemailErr;?></span>

<br><br>

<h3>Patient Data</h3>

Patient ID: <input type="text" name="Pid">

<span class="error"><?php echo $IDErr;?></span>

Patient Name: <input type="text" name="Pname">

<span class="error"><?php echo $PnameErr;?></span>

Last Name: <input type="text" name="name\_02">

<br><br>

Phone Number:<input type="number" name="phone">

<span class="error"><?php echo $phoneErr;?></span>

<br><br>

Email:

<input type="text" name="Pemail">

<span class="error"><?php echo $PemailErr;?></span>

<br><br>

Gender:

<input type="radio" name="gender" value="male"> Male

<input type="radio" name="gender" value="female"> Female

<span class="error"><?php echo $genderErr;?></span>

<br><br>

Disease:

<input type="text" name="Disease">

<span class="error"><?php echo $DiseaseErr;?></span>

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

</form>

<?php

echo "<h2>Doctor Data: </h2>";

echo $Dname;

echo "<br>";

echo $Did;

echo "<br>";

echo $Speciality;

echo "<br>";

echo $Demail;

echo "<br>";

echo "<h2>Patient Data: </h2>";

echo $Pid;

echo "<br>";

echo $Pname;

echo "<br>";

echo $Pname\_02;

echo "<br>";

echo $phone;

echo "<br>";

echo $Pemail;

echo "<br>";

echo $gender;

echo "<br>";

echo $Disease;

echo "<br>";

echo "<h3> Inserting table Data : </h3>";

$servername = "localhost" ;

$username   = "root";

$password   = "";

$db         = "dbwebEngineering";

$connection = mysqli\_connect($servername , $username , $password , $db);

if(!$connection)

 {

     die("connection failed " .mysqli\_connect\_error());

     echo "<br>";

 }

else

{

     echo("Connection Successfull With dbwebEngineering : ");

     echo "<br>";

}

$sql = "INSERT INTO Doctor (Did, Dname, Speciality, email)

VALUES ( '$Did' , '$Dname' , '$Speciality', '$Demail')";

$sql\_02 = "INSERT INTO Patient (Patientid, PatientName, PatientLName, phonenumber, email, Gender , Disease)

VALUES ('$Pid', '$Pname', '$Pname\_02', '$phone', '$Pemail', '$gender' ,'$Disease' )";

$Insert\_01 = mysqli\_query($connection, $sql);

$Insert\_02 = mysqli\_query($connection, $sql\_02);

if(!$Insert\_01)

 {

     die("connection failed " .mysqli\_connect\_error());

     echo "<br>";

 }

else

{

     echo("Connection Successfull With dbwebEngineering : ");

     echo "<br>";

}

if(!$Insert\_02)

 {

     die("connection failed " .mysqli\_connect\_error());

     echo "<br>";

 }

else

{

     echo("Connection Successfull With dbwebEngineering : ");

     echo "<br>";

}

?>

</body>

</html>