Assignment No: 6

Title: Add dynamic web application essanced using PHP, HTML and MYSQL

Objective

To understand the principle and methodologyies of PHP web based application development process.

Problem Statement

Design and develop dynamic web application using PHP and MYSQL as back end for employee data with insert delete view and update operation.

outcomes

① Develope web based application using siutable clientside and server side web technologyies

② Develope solution to complex problem using appropruate method, technologies, frameworks web services and content management.

S/w and H/w : Ubuntu 64 bit /
requirements   windows XP
                     XAMPP server
Intel P4 machine with 1GB ARM & 32 bit
HDD.

Theory

① PHP
The PHP Hypertext preprocessor began as a
little open source venture that advanced
as an ever increasing no of individual
discovered how valuable it was.
<u>webserver</u>: PHP will work with for all
intents and purpose all web server
programming including Microsoft
Internet Information server

<u>Database</u>: PHP will work with for all
intent and purpose all DB programm
including oracle and sybase

<u>PHP Parser</u> keeping in kind the end goa
to process PHP content direction
a parser must be introduced to creat
HTML yield that can be sent

MYSQL

MYSQL is the most famous Open source Relational SQL DB Management system MYSQL is outstanding amongst other RDBMS being utilized for creating different online programing application

RDMS Terminology
- DB : is gathering of table with related information
- Table : A table is a grid with information
- Column : one section contains information of one and similar kind
- Row : A line is a gathering of related information for instance the information

Conclusion

In this assignment we have studied howto design and develope small web application using PHP script XAMP server with apache server and MYSQL as backend

Assignment No:6

Design and develop dynamic web application using PHP and MySQL as a back-end for employee data with insert, delete, view and update operations. OUTCOMES

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1) home.php

```php
<?php
        include "getdata.php";
?>
<!DOCTYPE html>
<html>
<head>
        <title></title>
        <style type="text/css">
        </style>
</head>
<body>
        <table align="center" width="50%">
   <tr><th colspan="3"><h1>Employee Manegement</h1></th></tr>
        <tr><td><a href="insertdata.php">Add Employee</a></td><td><a href="editdata.php">Edit Employee</a></td><td><a href="deletedata.php">Delete Employee</a></td></tr>
   </table>
<br><br><br><br><br>
<table align="center" width="30%" border="1">
        <tr><th>ID</th><th>Name</th><th>Salary</th></tr>
<?php
foreach ($result as $employee) {
?>
```

```php
    <tr><td><?php echo $employee['eid']; ?></td>
            <td><?php echo $employee['ename']; ?></td>
            <td><?php echo $employee['salary']; ?></td></tr>
<?php
    }
?>
</table>
</body>
</html>
```

_____

2) Insertdata.php

```html
<!DOCTYPE html>
<html>
<head>
    <title></title>
    <style type="text/css">
        table
        {
            margin-top: 150px;
            border: 2px black;
            padding: 35px;
        }
        td
        {
            padding: 5px;
        }
        th
        {
            padding-bottom: 10px;
            font-size: 25px;
```

```html
                }
        </style>
</head>
<body>
        <form action="connectdb.php" method="post">
                <table align="center">
                        <tr><th>Employee Details</th></tr>
                        <tr><td><input type="text" name="eid" placeholder="Employee id"></td></tr>
                        <tr><td><input type="text" name="ename" placeholder="Employee Name"></td></tr>
                        <tr><td><input type="text" name="salary" placeholder="Employee Salary"></td></tr>
                        <tr><td><input type="submit" value="Register"></td></tr>
                </table>
        </form>
</body>
</html>
```

_____

3) connectdb.php
```php
<!DOCTYPE html>
<html>
<head>
        <title></title>
</head>
<body>
<form action="home.php" method="post">
<?php
$servername="localhost";
$username="root";
$password="";
```

```php
$dbname="newDB";
$conn=mysqli_connect($servername,$username,$password,$dbname);
if (!$conn) {
        die("Error :: could not connect to database...");
}
if (isset($_POST)) {
        $id=$_POST['eid'];
        $name=$_POST['ename'];
        $salary=$_POST['salary'];
        $query="insert into employee values($id, '$name', $salary)";
        $count=mysqli_query($conn,$query);
        if($count>0)
        {
                echo "successful...";
        }
        else
                echo "Error :: while executing query... <br><br>";
}
?>
<input type="submit" value="Back">
</form>
</body>
</html>
```

_____

4) Editdata.php

```php
<?php
include "getdata.php";
?>
```
```html
<!DOCTYPE html>
<html>
```

```html
<head>
	<title></title>
</head>
<body>
	<form action="getemployeedata.php" method="post">
<table align="center" style="padding-top: 100px">
	<tr><th><h3>Enter Id to edit record</h3></th></tr>
	<tr><td><input type="text" name="eid" placeholder="Employee
id"></td></tr>
	<tr><td><input type="submit" value="Edit Data"></td></tr>
</table>
</form>
<br><br><br><br><br>
<table align="center" width="30%" border="1">
	<tr><th>ID</th><th>Name</th><th>Salary</th></tr>
<?php
foreach ($result as $employee) {
?>
	<tr><td><?php echo $employee['eid']; ?></td>
		<td><?php echo $employee['ename']; ?></td>
		<td><?php echo $employee['salary']; ?></td></tr>
<?php
	}
?>
</table>
</body>
</html>
```

_____

5) getemployeedata.php

```php
<?php
if(isset($_POST['eid']))
```

```php
{
	$id=$_POST['eid'];
	$servername="localhost";
$username="root";
$password="";
$dbname="newDB";
$conn=mysqli_connect($servername,$username,$password,$dbname);
if (!$conn) {
	die("Error :: could not connect to database...");
}
	$query="select * from employee where eid=".$id;
	$result=mysqli_query($conn,$query);
}
?>
<!DOCTYPE html>
<html>
<head>
	<title></title>
</head>
<body>
<form action="editinfo.php" method="post">
		<table align=center>
			<tr><th>Edit Employee Details</th></tr>
			<?php
				foreach ($result as $employee) {
			?>
			<tr><td><input type="text" name="eid" value="<?php echo
$employee['eid']; ?>" readonly ></td></tr>
				<tr><td><input type="text" name="ename" value="<?php echo
$employee['ename'];  ?>"></td></tr>
```

```
                    <tr><td><input type="text" name="salary" value="<?php echo
$employee['salary'];  ?>"></td></tr>
                    <?php

                        }

                    ?>
        <tr><td><input type="submit" value="Update"></td></tr>
            </table>
        </form>
</body>
</html>
```

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6) editinfo.php

```php
<?php
$servername="localhost";
$username="root";
$password="";
$dbname="newDB";
$conn=mysqli_connect($servername,$username,$password,$dbname);
if (!$conn) {
        die("Error :: could not connect to database...");
}
if (isset($_POST)) {
        $id=$_POST['eid'];
        $name=$_POST['ename'];
        $salary=$_POST['salary'];
        $query="update employee set ename='$name', salary='$salary' where
eid=".$id;
        $count=mysqli_query($conn,$query);
        if($count>0)
        {
                echo "<center><h1>Record Updated Successfully...</h1></center>";
```

```php
        }
        else
                echo "Error :: while executing query... <br><br>";
}
?>
```
```html
<!DOCTYPE html>
<html>
<head>
        <title></title>
</head>
<body>
<h1>
<a href="home.php"> Back </a>
</body>
</html>
```

_____

7) deletedata.php
```php
<?php
include "getdata.php";
?>
```
```html
<!DOCTYPE html>
<html>
<head>
        <title></title>
</head>
<body>
        <form action="deleteemployee.php" method="post">
<table align="center" style="padding-top: 100px">
        <tr><th><h3>Enter Id to delete record</h3></th></tr>
        <tr><td><input type="text" name="eid" placeholder="Employee
id"></td></tr>
```

```html
            <tr><td><input type="submit" value="Delete Data"></td></tr>
</table>
</form>
<br><br><br><br><br>
<table align="center" width="30%" border="1">
        <tr><th>ID</th><th>Name</th><th>Salary</th></tr>
<?php
foreach ($result as $employee) {
?>
        <tr><td><?php echo $employee['eid']; ?></td>
                <td><?php echo $employee['ename']; ?></td>
                <td><?php echo $employee['salary']; ?></td></tr>
<?php
        }
?>
</table>
</body>
</html>
```

_____

8) deleteemployee.php

```php
<?php
if(isset($_POST['eid']))
{
        $id=$_POST['eid'];
        $servername="localhost";
$username="root";
$password="";
$dbname="newDB";
$conn=mysqli_connect($servername,$username,$password,$dbname);
if (!$conn) {
```

```php
        die("Error :: could not connect to database...");
}
        $query="delete from employee where eid=".$id;
        $count=mysqli_query($conn,$query);
if($count>0)
        {
                echo "<center><h1>Record Deleted Successfully...</h1></center>";
        }
        else
                echo "Error :: while executing query... <br><br>";
}
?>
<!DOCTYPE html>
<html>
<head>
        <title></title>
</head>
<body>
<h1>
<a href="home.php"> Back </a>
</body>
</html>
```

_____

9) getdata.php

```php
<?php
$servername="localhost";
$username="root";
$password="";
$dbname="newDB";
$conn=mysqli_connect($servername,$username,$password,$dbname);
```

```php
if (!$conn) {
        die("Error :: could not connect to database...");
}
        $query="select * from employee";
        $result=mysqli_query($conn,$query);
?>
```

_____

OUTPUT

1) first window of home page Click on Add Employee

2) Click on Register button to add record

Employee Details

| 1 |
| Nikita |
| 38000 |

Register

3) After clicking Register success message display. Click on Back

← → C ⓘ localhost/PHP/connectdb.php

Record Inserted Successfully...

Back

4) View the changes. Record with Id=1 inserted

Employee Manegement

Add Employee   Edit Employee   Delete Employee

ID	Name	Salary
1	Nikita	38000
2	Aditi	35000
3	Ankita	48000
4	Bhagyashree	45000
5	Komal	35000

5) Click on Edit Employee and give Id to edit the records click on Edit Data button

Enter Id to edit record

3

Edit Data

ID	Name	Salary
1	Nikita	38000
2	Aditi	35000
3	Ankita	48000
4	Bhagyashree	45000
5	Komal	35000

6) Click on Update to save the updated changes into database

Edit Employee Details

3

Ankita

40000

Update

7) Success message will get display. Click on Back

Record Updated Successfully...

Back

8) View updated result Salary of Id=3 updated from 48000 to 40000

Employee Manegement

Add Employee　　　　　　　　Edit Employee　　　　　　　　Delete Employee

ID	Name	Salary
1	Nikita	38000
2	Aditi	35000
3	Ankita	40000
4	Bhagyashree	45000
5	Komal	35000

9) Click on Delete Employee and give Id to delete that record click on Delete Data button

Enter Id to delete record

| 1 |

[Delete Data]

ID	Name	Salary
1	Nikita	38000
2	Aditi	35000
3	Ankita	40000
4	Bhagyashree	45000
5	Komal	35000

10) Success message will get display click on Back

Record Deleted Successfully...

Back

11) View result record with Id=1 deleted

ID	Name	Salary
2	Aditi	35000
3	Ankita	40000
4	Bhagyashree	45000
5	Komal	35000