Experiment No: 7

Aim: Add dynamic web application essence with PHP, AJAX & MYSQL

Objective: To understand principles & methodologies of web browser appln development process

Problem statement: Design & develop dynamic web appln using PHP, AJAX & MYSQL as back-end for employee data with insert & view operation.

S/W & H/W: Ubuntu 64 / windows XP, XAMPP server. Intel P4 m/c with 1GB RAM

Theory:
- AJAX remains asynchronous Javascript & XML. AJAX is another procedure for making better speedier & more intelligent dynamic web appln with assistance XML HTML, CSS & JS
- AJAX enables you to send & get information non-currently with reloading page
- AJAX speaks with server utilizing XML Http req.
- AJAX communicates with server using XML http req object.

Technology: AJAX, PHP & mysql

Design : For design Purpose Html & css to be used. for this design part contains GUI of web applications

conclusion : we have studied how to design & develop small web application using PHP, javascript, ajax, xampp Server with apache server & mysql as backend.

Program:

1.index.html

```
<!DOCTYPE html>

<html>

<head>

<title>PHP Databse Example with Ajax </title>

<script

src="https://code.jquery.com/jquery-3.2.1.min.js"

integrity="sha256-hwg4gsxgFZhOsEEamdOYGBf13FyQuiTwlAQgxVSNgt4="

crossorigin="anonymous">
```

```html
</script>
</head>
<body>
<h1> Enter Employee Details </h1>
<form method="post" action="insert.php">
<input type="text" id="name" name="name" placeholder="Enter Name" />
<input type="text" id="age" name="age" placeholder="Enter Age" />
<input type="text" id="city" name="city" placeholder="Enter City" />
<button> Save Data </button>
</form>
<p id="result">
</p>
<p id="result"></p>
<a href="display.php">Display</a>
<!--jquery and ajax code-->
<script>
$("form").submit(function(e){
e.preventDefault();
$.post(
"insert.php",
{
name: $("#name").val(),
age: $("#age").val(),
city: $("#city").val()
},
function(result)
{
if(result == "success")
```

```javascript
{
$("#result").html("Data Inserted Successfully..!");
}
else
{
$("#result").html("Error Occured!");
}
}
);
});
</script>
</script>
</body>
<html>
```

2. insert.php

```php
<?php
$name = $_POST['name'];
$age = $_POST['age'];
$city = $_POST['city'];
$con = new mysqli('localhost', 'root', '', 'emp');
if($con->connect_error)
{
echo("Error");
}
$stmt = $con->prepare("insert into users(name,age,city) values (?,?,?)");
$stmt->bind_param("sis",$name,$age,$city);
if($stmt->execute())
```

```php
{
echo("success");
}
else
{
echo("fail");
}
?>
```

3. display.php

```php
<?php
include_once("config.php");
//$result = mysql_query("SELECT * FROM users ORDER BY id DESC"); // mysql_query is
deprecated
$result = mysqli_query($mysqli, "SELECT * FROM users ORDER BY id DESC"); // using
mysqli_query instead
?>
<html>
<body>
<a href="index.html">Add New Data</a><br/><br/>
<table width='80%' border=0>
<tr bgcolor='#CCCCCC'>
<td>Name</td>
<td>Age</td>
<td>CIty</td>
</tr>
<?php
//while($res = mysql_fetch_array($result)) { // mysql_fetch_array is deprecated, we need
```

to use mysqli_fetch_array

```php
while($res = mysqli_fetch_array($result)) {
echo "<tr>";
echo "<td>".$res['name']."</td>";
echo "<td>".$res['age']."</td>";
echo "<td>".$res['city']."</td>";
echo "</tr>";
}
?>
</table>
</body>
</html>
```

4. config.php

```php
<?php
$host = 'localhost';
$dbname = 'emp';
$dabUser = 'root';
$dbPass = ' ';
$mysqli = mysqli_connect($host, $dbUser, $dbPass,
$dbname);
?>
```