**Experiment 14**

**Title :** Update user data in MySQL database using PHP

**Aim :** To make student understand and execute update query in MySql using PHP

**Update user’s data stored in MySQL database using PHP**

An UPDATE query in PHP is used to modify existing records in a database. It allows you to change the values of one or more fields in a particular row or rows that match a specified condition.

**Basic Syntax**

The basic SQL syntax for an UPDATE query is:

UPDATE table\_name

SET column1 = value1, column2 = value2, ...

WHERE condition;

**Step1 : Create the HTML Form**

This form will allow users to input their updated information. For demonstration, let’s assume we’re updating a user’s name and email.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Update User</title>

</head>

<body>

<h2>Update User Information</h2>

<form action="update\_user.php" method="post">

<input type="hidden" name="id" value="1"> <!-- Assuming we want to update user with ID 1 -->

<label for="name">Name:</label>

<input type="text" id="name" name="name" required>

<br><br>

<label for="email">Email:</label>

<input type="email" id="email" name="email" required>

<br><br>

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

</form>

</body>

</html>

**Step2 : Create the PHP Script (update\_user.php)**

This script will handle the form submission and update the user data in the MySQL database.

<?php

// Database credentials

$host = 'localhost';

$username = 'root';

$password = '';

$dbname = 'my\_database';

// Create connection

$conn = mysqli\_connect($host, $username, $password, $dbname);

// Check connection

if (!$conn) {

die("Connection failed: " . mysqli\_connect\_error());

}

// Check if form data is submitted

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

$id = $\_POST['id']; // Get user ID from hidden input

$name = $\_POST['name']; // Get name from form

$email = $\_POST['email']; // Get email from form

// Prepare the SQL query

$sql = "UPDATE users SET name = '$name', email = '$email' WHERE id = $id";

// Execute the query

if (mysqli\_query($conn, $sql)) {

echo "User updated successfully";

} else {

echo "Error updating user: " . mysqli\_error($conn);

}

}

// Close the connection

mysqli\_close($conn);

?>

**Conclusion:-**

Thus we have studied how to update user data using update query using php