**//PHP MySQL example 1**

**//Connection Page : conn.php**

<?php

$host = "localhost";

$db\_name = "mydb";

$username = "root";

$password = "";

//connect to mysql server

$mysqli = new mysqli($host, $username, $password, $db\_name);

//check if any connection error was encountered

if(mysqli\_connect\_errno()) {

echo "Error: Could not connect to database.";

exit;

}

else

echo "Connected to database.";

?>

/**/Authentication Page: auth.php**

<?php

session\_start();

if(!isset($\_SESSION["username"])){

header("Location: login.php");

exit(); }

?>

**//Login Page: login.php**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Login</title>

<link rel="stylesheet" href="main.css" />

</head>

<body>

<?php

require('conn.php');

session\_start();

// If form submitted, insert values into the database.

if (isset($\_POST['username'])){

// removes backslashes

$username = stripslashes($\_REQUEST['username']);

//escapes special characters in a string

$username = mysqli\_real\_escape\_string($mysqli,$username);

$password = stripslashes($\_REQUEST['password']);

$password = mysqli\_real\_escape\_string($mysqli,$password);

//Checking is user existing in the database or not

$query = "SELECT \* FROM `users` WHERE username='$username'

and password='$password'";

$result = mysqli\_query($mysqli,$query) or die(mysql\_error());

$rows = mysqli\_num\_rows($result);

if($rows==1){if(!isset($\_SESSION['username'])){

$\_SESSION['username'] = $username;}

// Redirect user to index.php

header("Location: index.php");

//echo $\_SESSION['username'];

}else{

echo "<div class='form'>

<h3>Username/password is incorrect.</h3>

<br/>Click here to <a href='login.php'>Login</a></div>";

}

}else{

?>

<div class="form">

<h1>Log In</h1>

<form action="" method="post" name="login">

<input type="text" name="username" placeholder="Username" required />

<input type="password" name="password" placeholder="Password" required />

<input name="submit" type="submit" value="Login" />

</form>

<p>Not registered yet? <a href='add.php'>Register Here</a></p>

</div>

<?php } ?>

</body>

</html>

**//Logout: logout.php**

<?php

session\_start();

session\_destroy();

header("Location: login.php");

?>

**// Index: index.php**

<!DOCTYPE HTML>

<html>

<head>

<title>Read Records</title>

</head>

<body>

<?php

include("auth.php");

?>

<h1>Read Records</h1>

<div>

<p>Welcome <?php echo $\_SESSION['username']; ?>!</p>

<p>This is secure area.</p>

<a href="logout.php">Logout</a>

</div>

<?php

include 'conn.php';

if(isset($\_GET['action']))

$action=$\_GET['action'];

else $action="";

//if the user clicked ok, run our delete query

if($action=='deleted'){

echo "User was deleted.";

}

$query = "select \* from users";

$stmt = $mysqli->prepare($query);

$stmt->execute();

$result = $stmt->get\_result();

$stmt->close();

//$result = $mysqli->query( $query );

$num\_results = $result->num\_rows;

echo "<div><a href='add.php'>Create New Record</a></div>";

if( $num\_results ){

echo "<table border='1'>";

echo "<tr>";

echo "<th>Firstname</th>";

echo "<th>Lastname</th>";

echo "<th>Username</th>";

echo "<th>Profile Picture</th>";

echo "<th>Action</th>";

echo "</tr>";

while( $row = $result->fetch\_assoc() ){

//extract row

//this will make $row['firstname'] to just $firstname only

extract($row);

//creating new table row per record

echo "<tr>";

echo "<td>{$firstname}</td>";

echo "<td>{$lastname}</td>";

echo "<td>{$username}</td>";

echo "<td>

<img height='100px' width='100px' src=\"{$profilepic}\"/>

</td>";

?>

<?php

echo "<td>";

echo "<a href='edit.php?id={$id}'>Edit</a>";

//echo " / ";

// delete\_user is a javascript function, see at the bottom par of the page

echo "<a href='#' onclick='delete\_user( {$id} );'>Delete</a>";

echo "</td>";

echo "</tr>";

}

//end table

echo "</table>";

}

//if table is empty

else{

echo "No records found.";

}

$result->free();

$mysqli->close();

?>

<script type='text/javascript'>

function delete\_user( id ){

var answer = confirm('Are you sure?');

//if user clicked ok

if ( answer ){

//redirect to url with action as delete and id to the record to be deleted

window.location = 'delete.php?id=' + id;

}

}

function user\_suggestion()

{

var user = document.getElementById("user").value;

var xhr;

if (window.XMLHttpRequest) { // Mozilla, Safari, ...

xhr = new XMLHttpRequest();

} else if (window.ActiveXObject) { // IE 8 and older

xhr = new ActiveXObject("Microsoft.XMLHTTP");

}

var data = "username=" + user;

xhr.open("POST", "search.php", true);

xhr.setRequestHeader("Content-Type", "application/x-www-form-urlencoded");

xhr.send(data);

xhr.onreadystatechange = display\_data;

function display\_data() {

if (xhr.readyState == 4) {

if (xhr.status == 200) {

//alert(xhr.responseText);

document.getElementById("suggestion").innerHTML = xhr.responseText;

} else {

alert('There was a problem with the request.');

}

}

}

}

</script>

<h1>Search User Record</h1>

<div>

<form>

<br/><br/>

<label for="book">Search User </label>

<div>

<input type="text" id="user" onKeyUp="user\_suggestion()">

<div id="suggestion"></div>

</div>

<!--<input name="submit" type="submit" value="Submit" />-->

</form>

</div>

</body>

</html>

**//Search Page: search.php**

<?php

//provide your hostname, username and dbname

include 'conn.php';

include("auth.php");

$user\_name = $\_POST['username'];

$sql = "select firstname, lastname, username from users where firstname LIKE '$user\_name%'";

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

while($row = mysqli\_fetch\_array($result))

{

echo "<p>".$row['firstname']." ".$row['lastname']."</p>";

}

?>

**//Registration : add.php**

<!DOCTYPE HTML>

<html>

<head>

<title>Create Record</title>

</head>

<body>

<h1>Add a Record</h1>

<div>

<p>Welcome <?php

include 'conn.php';

include 'auth.php';

echo $\_SESSION['username']; ?>!</p>

<p>This is secure area.</p>

<a href="logout.php">Logout</a>

</div>

<?php

$action = isset($\_POST['action']) ? $\_POST['action'] : "";

if($action=='create'){

//File upload

if(isset($\_FILES['image']))

{

$errors= array();

$file\_name = $\_FILES['image']['name'];

$file\_size = $\_FILES['image']['size'];

$file\_tmp = $\_FILES['image']['tmp\_name'];

$file\_type = $\_FILES['image']['type'];

$temp=explode('.',$\_FILES['image']['name']);

$file\_ext=end($temp);

$expensions= array("jpeg","jpg","png");

if(in\_array($file\_ext,$expensions)=== false){

$errors[]="extension not allowed, please choose a JPEG or PNG file."; } if($file\_size > 2097152) {

$errors[]='File size must be less than 2 MB';

}

if(empty($errors)==true) {

move\_uploaded\_file($file\_tmp,"images/".$file\_name);

echo "Success";

echo "<ul> <li>Sent file: ".$file\_name."

<li>File size: ".$file\_size."

<li>File type:".$file\_type."

</ul>";

}else{

print\_r($errors);

}

//write query

$query = "INSERT INTO users SET firstname = ?, lastname = ?, username = ?, password = ?, profilepic=?";

$pass=$\_POST['password'];

$pic="images/".$file\_name;

//prepare query for excecution

$stmt = $mysqli->prepare($query);

$stmt->bind\_param('sssss', $\_POST['firstname'], $\_POST['lastname'], $\_POST['username'],$pass,$pic);

// Execute the query

if($stmt->execute()){

echo "Record was saved.";

}else{

die('Unable to save record.');

}

}

}

?>

<!--we have our html form here where user information will be entered-->

<form action='#' method='post' border='0' enctype="multipart/form-data">

<table>

<tr>

<td>Firstname</td>

<td><input type='text' name='firstname' /></td>

</tr>

<tr>

<td>Lastname</td>

<td><input type='text' name='lastname' /></td>

</tr>

<tr>

<td>Username</td>

<td><input type='text' name='username' /></td>

</tr>

<tr>

<td>Password</td>

<td><input type='password' name='password' /></td>

<tr>

<td>Upload Profile Picture</td>

<td><input type='file' name='image' /></td>

<tr>

<td></td>

<td>

<input type='hidden' name='action' value='create' />

<input type='submit' value='Save' />

<a href='index.php'>Back to index</a>

</td>

</tr>

</table>

</form>

</body>

</html>

**//Edit: edit.php**

<!DOCTYPE HTML>

<html>

<head>

<title>Update</title>

</head>

<body>

<?php

include 'conn.php';

include 'auth.php';

?>

<h1>Update a Record</h1>

<div class="form">

<p>Welcome <?php echo $\_SESSION['username']; ?>!</p>

<a href="logout.php">Logout</a>

</div>

<?php

// if the form was submitted/posted, update the record

if($\_POST){

//write query

$sql = "UPDATE users SET firstname = ?, lastname = ?, username = ?, password = ? WHERE id= ?";

$stmt = $mysqli->prepare($sql);

$stmt->bind\_param('ssssi', $\_POST['firstname'], $\_POST['lastname'], $\_POST['username'], $\_POST['password'], $\_POST['id']);

// execute the update statement

if($stmt->execute()){

echo "User was updated.";

// close the prepared statement

$stmt->close();

}else{

die("Unable to update.");

}

}

$id=$\_GET['id'];

/\*

$sql = "SELECT id, firstname, lastname, username, password FROM users WHERE id =$id";

$result = $mysqli->query( $sql );

\*/

$sql = "SELECT id, firstname, lastname, username, password FROM users WHERE id =?";

$stmt = $mysqli->prepare($sql);

$stmt->bind\_param('i', $id);

$stmt->execute();

$result = $stmt->get\_result();

$stmt->close();

$row = $result->fetch\_assoc();

// php's extract() makes $row['firstname'] to $firstname automatically

extract($row);

//disconnect from database

$result->free();

$mysqli->close();

?>

<!--we have our html form here where new user information will be entered-->

<form action='edit.php?id=<?php echo $id; ?>' method='post' border='0'>

<table>

<tr>

<td>Firstname</td>

<td><input type='text' name='firstname' value='<?php echo $firstname; ?>' /></td>

</tr>

<tr>

<td>Lastname</td>

<td><input type='text' name='lastname' value='<?php echo $lastname; ?>' /></td>

</tr>

<tr>

<td>Username</td>

<td><input type='text' name='username' value='<?php echo $username; ?>' /></td>

</tr>

<tr>

<td>Password</td>

<td><input type='password' name='password' value='<?php echo $password; ?>' /></td>

<tr>

<td></td>

<td>

<input type='hidden' name='id' value='<?php echo $id ?>' />

<input type='submit' value='Edit' />

<a href='index.php'>Back to index</a>

</td>

</tr>

</table>

</form>

</body>

</html>

**//Delete : delete.php**

<?php

include 'conn.php';

// delete sql query

$sql = "DELETE FROM users WHERE id = ?";

// prepare the sql statement

if($stmt = $mysqli->prepare($sql)){

// bind the id of the record to be deleted

// we use "i" here for integer

$stmt->bind\_param("i", $\_GET['id']);

// execute the delete statement

if($stmt->execute()){

// close the prepared statement

$stmt->close();

// redirect to index page

// parameter "action=deleted" is used to show that something was deleted

header('Location: index.php?action=deleted');

}else{

die("Unable to delete.");

}

}

?>

//Example 2

//AJAX Example

// document 1

<html>

<head>

<script>

function showUser(str) {

if (str == "") {

document.getElementById("txtHint").innerHTML = "";

return;

} else {

if (window.XMLHttpRequest) {

// code for IE7+, Firefox, Chrome, Opera, Safari

xmlhttp = new XMLHttpRequest();

} else {

// code for IE6, IE5

xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");

}

xmlhttp.onreadystatechange = function() {

if (xmlhttp.readyState == 4 && xmlhttp.status == 200) {

document.getElementById("txtHint").innerHTML = xmlhttp.responseText;

}

};

xmlhttp.open("GET","getuser.php?q="+str,true);

xmlhttp.send();

}

}

</script>

</head>

<body>

<form>

<img src="2.jpg" width=500px height=900px />

<select name="users" onchange="showUser(this.value)">

<option value="">Select a person:</option>

<option value="1">Record 1</option>

<option value="2">Record 2</option>

<option value="3">Record 3</option>

</select>

</form>

<br>

<div id="txtHint"><b>Person information...</b></div>

</body>

</html>

//document 2

<!DOCTYPE html>

<html>

<head>

<style>

table {

width: 100%;

border-collapse: collapse;

}

table, td, th {

border: 1px solid black;

padding: 5px;

}

th {text-align: left;}

</style>

</head>

<body>

<h1> AJAX RESPONSE </h1>

<?php

$q = $\_GET['q'];

$con = mysqli\_connect('localhost','root','','mydb');

if (!$con) {

die('Could not connect: ' . mysqli\_error($con));

}

$sql="SELECT \* FROM customers WHERE id = '".$q."'";

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

echo "<table>

<tr>

<th>Name</th>

<th>Address</th>

<th>Phone</th>

</tr>";

while($row = mysqli\_fetch\_array($result)) {

echo "<tr>";

echo "<td>" . $row['name'] . "</td>";

echo "<td>" . $row['address'] . "</td>";

echo "<td>" . $row['phone'] . "</td>";

echo "</tr>";

}

echo "</table>";

mysqli\_close($con);

?>

</body>

</html>