**Pimpri Chinchwad College of Engineering, Pune**

**Name – Aditi Shinde**

**TITLE- Design sign up and sign in page using PHP AJAX MYSQL (Perform Insert/Update/Delete Operations)**

**Index.php**

<?php

?>

<!doctype html>

<html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<title>Ajax Insert || Update || Delete</title>

<link href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/css/bootstrap.min.css" rel="stylesheet" type="text/css"> <style type="text/css">

.box-title{

border-radius: 5px;

box-shadow: 0px 0px 3px 1px gray;

padding: 10px 0px;

}

.error-msg{

color: #dc3545;

font-weight: 600;

}

.success-msg{

color: green;

font-weight: 600;

}

</style>

</head>

<body>

<div class="container-fluid">

<div class="container">

<div class="row m-3 text-center">

<div class="col-lg-12">

<h1 class="box-title">Ajax Insert || Update || Delete</h1>

</div>

</div>

<div class="row justify-content-center">

<div class="col-lg-6">

<button type="button" class="btn btn-lg btn-primary" data-toggle="modal" data-target="#exampleModalCenter"

>Add Record</button>

</div>

<div class="col-lg-6">

<input type="text" id="search" class="form-control" placeholder="Search Now">

</div>

</div>

<div class="row mt-5" id="tbl\_rec">

</div>

</div>

</div>

<!-- Insert Design Modal -->

<div class="modal fade" id="exampleModalCenter" tabindex="-1" role="dialog" aria-labelledby="exampleModalCenterTitle" aria-hidden="true"> <div class="modal-dialog modal-dialog-centered" role="document">

<div class="modal-content">

<div class="modal-header">

<h5 class="modal-title" id="exampleModalCenterTitle">Add New Record</h5>

<button type="button" class="close" data-dismiss="modal" aria-label="Close">

<span aria-hidden="true">&times;</span>

</button>

</div>

<form method="POST" id="ins\_rec">

<div class="modal-body">

<div class="form-group">

<label><b>User Name</b></label>

<input type="text" name="username" class="form-control" placeholder="Username">

<span class="error-msg" id="msg\_1"></span>

</div>

<div class="form-group">

<label><b>Email</b></label>

<input type="text" name="email" class="form-control" placeholder="YourEmail@email.com">

<span class="error-msg" id="msg\_2"></span>

</div>

<div class="form-group">

<label><b>Country</b></label>

<select class="custom-select" name="country" id="country">

<option value="" selected>Choose...</option>

<option value="USA">USA</option>

<option value="Germany">Germany</option>

<option value="UK">UK</option>

</select>

<span class="error-msg" id="msg\_3"></span>

</div>

<div class="form-group">

<label><b>Birth Date</b></label>

<input type="date" name="bod" class="form-control">

<span class="error-msg" id="msg\_4"></span>

</div>

<div class="form-group">

<label class="mr-3"><b>Gender :- </b></label>

<div class="form-check form-check-inline">

<input class="form-check-input" type="radio" name="gender" value="Male" checked>

<label class="form-check-label" >Male</label>

</div>

<div class="form-check form-check-inline">

<input class="form-check-input" type="radio" name="gender" value="Female">

<label class="form-check-label" >Female</label>

</div>

<span class="error-msg" id="msg\_5"></span>

</div>

<div class="form-group">

<span class="success-msg" id="sc\_msg"></span>

</div>

</div>

<div class="modal-footer">

<button type="button" class="btn btn-secondary" id="close\_click" data-dismiss="modal">Close</button> <button type="submit" class="btn btn-primary" >Add Record</button>

</div>

</form>

</div>

</div>

</div>

<!-- End Insert Modal -->

<!-- Update Design Modal -->

<div class="modal fade" id="updateModalCenter" tabindex="-1" role="dialog" aria-labelledby="exampleModalCenterTitle" aria-hidden="true"> <div class="modal-dialog modal-dialog-centered" role="document">

<div class="modal-content">

<div class="modal-header">

<h5 class="modal-title" id="updateModalCenterTitle">Update Record</h5>

<button type="button" class="close" data-dismiss="modal" aria-label="Close">

<span aria-hidden="true">&times;</span>

</button>

</div>

<form method="POST" id="updata">

<div class="modal-body">

<div class="form-group">

<label><b>User Name</b></label>

<input type="text" class="form-control" name="username" id="upd\_1" placeholder="Username">

<span class="error-msg" id="umsg\_1"></span>

</div>

<div class="form-group">

<label><b>Email</b></label>

<input type="text" class="form-control" name="email" id="upd\_2" placeholder="YourEmail@email.com">

<span class="error-msg" id="umsg\_2"></span>

</div>

<div class="form-group">

<label><b>Country</b></label>

<select class="custom-select" id="upd\_3" name="country">

<option value="" selected>Choose...</option>

<option value="USA">USA</option>

<option value="Germany">Germany</option>

<option value="UK">UK</option>

</select>

<span class="error-msg" id="umsg\_3"></span>

</div>

<div class="form-group">

<label><b>Birth Date</b></label>

<input type="date" class="form-control" id="upd\_4" name="bod">

<span class="error-msg" id="umsg\_4"></span>

</div>

<div class="form-group">

<label><b>Gender</b></label>

<div class="form-check form-check-inline">

<input class="form-check-input" type="radio" id="upd\_5" name="gender" value="Male">

<label class="form-check-label" >Male</label>

</div>

<div class="form-check form-check-inline">

<input class="form-check-input" type="radio" id="upd\_6" name="gender" value="Female">

<label class="form-check-label" >Female</label>

</div>

<span class="success-msg" id="umsg\_5"></span>

</div>

<div class="form-group">

<input type="hidden" name="dataval" id="upd\_7">

<span class="success-msg" id="umsg\_6"></span>

</div>

</div>

<div class="modal-footer">

<button type="button" class="btn btn-secondary" data-dismiss="modal" id="up\_cancle">Cancle</button> <button type="submit" class="btn btn-primary">Update Record</button>

</div>

</form>

</div>

</div>

</div>

<!-- End Update Design Modal -->

<!-- Delete Design Modal -->

<div class="modal fade" id="deleteModalCenter" tabindex="-1" role="dialog" aria-labelledby="deleteModalCenterTitle" aria-hidden="true"> <div class="modal-dialog modal-dialog-centered" role="document">

<div class="modal-content">

<div class="modal-header">

<h5 class="modal-title" id="deleteModalCenterTitle">Are You Sure Delete This Record ?</h5>

<button type="button" class="close" data-dismiss="modal" aria-label="Close">

<span aria-hidden="true">&times;</span>

</button>

</div>

<div class="modal-body">

<p>If You Click On Delete Button Record Will Be Deleted. We Don't have Backup So Be Carefull.</p>

</div>

<div class="modal-footer">

<button type="button" class="btn btn-secondary" id="de\_cancle" data-dismiss="modal">Cancle</button> <button type="button" class="btn btn-primary" id="deleterec">Delete Now</button>

</div>

</div>

</div>

</div>

<!-- End Delete Design Modal -->

<script src="https://code.jquery.com/jquery-3.3.1.min.js" type="text/javascript"></script> <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js"></script> <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/js/bootstrap.min.js" type="text/javascript"></script>

<script type="text/javascript">

$(document).ready(function (){

$('#tbl\_rec').load('record.php');

$('#search').keyup(function (){

var search\_data = $(this).val();

$('#tbl\_rec').load('record.php', {keyword:search\_data});

});

//insert Record

$('#ins\_rec').on("submit", function(e){

e.preventDefault();

$.ajax({

type:'POST',

url:'insprocess.php',

data:$(this).serialize(),

success:function(vardata){

var json = JSON.parse(vardata);

if(json.status == 101){

console.log(json.msg);

$('#tbl\_rec').load('record.php');

$('#ins\_rec').trigger('reset');

$('#close\_click').trigger('click');

}

else if(json.status == 102){

$('#sc\_msg').text(json.msg);

console.log(json.msg);

}

else if(json.status == 103){

$('#msg\_1').text(json.msg);

console.log(json.msg);

}

else if(json.status == 104){

$('#msg\_2').text(json.msg);

console.log(json.msg);

}

else if(json.status == 105){

$('#msg\_3').text(json.msg);

console.log(json.msg);

}

else if(json.status == 106){

$('#msg\_4').text(json.msg);

console.log(json.msg);

}

else if(json.status == 107){

$('#msg\_5').text(json.msg);

console.log(json.msg);

}

else{

console.log(json.msg);

}

}

});

});

//select data

$(document).on("click", "button.editdata", function(){

$('#umsg\_1').text("");

$('#umsg\_2').text("");

$('#umsg\_3').text("");

$('#umsg\_4').text("");

$('#umsg\_5').text("");

$('#umsg\_6').text("");

$('#umsg\_7').text("");

var check\_id = $(this).data('dataid');

$.getJSON("updateprocess.php", {checkid : check\_id}, function(json){ if(json.status == 0){

$('#upd\_1').val(json.username);

$('#upd\_2').val(json.email);

$('#upd\_3').val(json.country);

$('#upd\_4').val(json.bod);

$('#upd\_7').val(check\_id);

if(json.gender == 'Male'){

$('#upd\_5').prop("checked", true);

}

else{

$('#upd\_6').prop("checked", true);

}

}

else{

console.log(json.msg);

}

});

});

//Update Record

$('#updata').on("submit", function(e){

e.preventDefault();

$.ajax({

type:'POST',

url:'updateprocess2.php',

data:$(this).serialize(),

success:function(vardata){

var json = JSON.parse(vardata);

if(json.status == 101){

console.log(json.msg);

$('#tbl\_rec').load('record.php');

$('#ins\_rec').trigger('reset');

$('#up\_cancle').trigger('click');

}

else if(json.status == 102){

$('#umsg\_6').text(json.msg);

console.log(json.msg);

}

else if(json.status == 103){

$('#umsg\_1').text(json.msg);

console.log(json.msg);

}

else if(json.status == 104){

$('#umsg\_2').text(json.msg);

console.log(json.msg);

}

else if(json.status == 105){

$('#umsg\_3').text(json.msg);

console.log(json.msg);

}

else if(json.status == 107){

$('#umsg\_4').text(json.msg);

console.log(json.msg);

}

else if(json.status == 106){

$('#umsg\_5').text(json.msg);

console.log(json.msg);

}

else{

console.log(json.msg);

}

}

});

});

//delete record

var deleteid;

$(document).on("click", "button.deletedata", function(){ deleteid = $(this).data("dataid");

});

$('#deleterec').click(function (){

$.ajax({

type:'POST',

url:'deleteprocess.php',

data:{delete\_id : deleteid},

success:function(data){

var json = JSON.parse(data);

if(json.status == 0){

$('#tbl\_rec').load('record.php');

$('#de\_cancle').trigger("click");

console.log(json.msg);

}

else{

console.log(json.msg);

}

}

});

});

});

</script>

</body>

</html>

**Config.php**

<?php

class Userfunction{

private $DBHOST='localhost';

private $DBUSER='root';

private $DBPASS='';

private $DBNAME='ajax';

public $con;

public function \_\_construct(){

$this->con = mysqli\_connect($this->DBHOST, $this->DBUSER, $this->DBPASS, $this- >DBNAME);

if(!$this->con){

return false;

}

}

public function htmlvalidation($form\_data){

$form\_data = trim( stripslashes( htmlspecialchars( $form\_data ) ) ); $form\_data = mysqli\_real\_escape\_string($this->con,

trim(strip\_tags($form\_data)));

return $form\_data;

}

public function insert($tblname, $filed\_data){

$query\_data = "";

foreach ($filed\_data as $q\_key => $q\_value) {

$query\_data = $query\_data."$q\_key='$q\_value',";

}

$query\_data = rtrim($query\_data,",");

$query = "INSERT INTO $tblname SET $query\_data";

$insert\_fire = mysqli\_query($this->con, $query);

if($insert\_fire){

return $insert\_fire;

}

else{

return false;

}

}

public function select\_assoc($tblname, $condition, $op='AND'){

$field\_op = "";

foreach ($condition as $q\_key => $q\_value) {

$field\_op = $field\_op."$q\_key='$q\_value' $op ";

}

$field\_op = rtrim($field\_op,"$op ");

$select\_assoc = "SELECT \* FROM $tblname WHERE $field\_op";

$select\_assoc\_query = mysqli\_query($this->con, $select\_assoc); if(mysqli\_num\_rows($select\_assoc\_query) > 0){

if(mysqli\_num\_rows($select\_assoc\_query) == 1)

{

$select\_assoc\_fire = mysqli\_fetch\_assoc($select\_assoc\_query);

if($select\_assoc\_fire){

return $select\_assoc\_fire;

}

else{

return false;

}

}

else{

return false;

}

}

else{

return false;

}

}

public function select($tblname){

$select = "SELECT \* FROM $tblname";

$select\_fire = mysqli\_query($this->con, $select);

if(mysqli\_num\_rows($select\_fire) > 0){

$select\_fetch = mysqli\_fetch\_all($select\_fire, MYSQLI\_ASSOC);

if($select\_fetch){

return $select\_fetch;

}

else{

return false;

}

}

else{

return false;

}

}

public function update($tblname, $field\_data, $condition, $op='AND'){

$field\_row = "";

foreach ($field\_data as $q\_key => $q\_value) {

$field\_row = $field\_row."$q\_key='$q\_value',";

}

$field\_row = rtrim($field\_row,",");

$field\_op = "";

foreach ($condition as $q\_key => $q\_value) {

$field\_op = $field\_op."$q\_key='$q\_value' $op ";

}

$field\_op = rtrim($field\_op,"$op ");

$update = "UPDATE $tblname SET $field\_row WHERE $field\_op"; $update\_fire = mysqli\_query($this->con, $update);

if($update\_fire){

return $update\_fire;

}

else{

return false;

}

}

public function delete($tblname, $condition, $op='AND'){ $delete\_data = "";

foreach ($condition as $q\_key => $q\_value) {

$delete\_data = $delete\_data."$q\_key='$q\_value' $op "; }

$delete\_data = rtrim($delete\_data,"$op ");

$delete = "DELETE FROM $tblname WHERE $delete\_data"; $delete\_fire = mysqli\_query($this->con, $delete);

if($delete\_fire){

return $delete\_fire;

}

else{

return false;

}

}

public function search($tblname,$search\_val,$op="AND"){

$search = "";

foreach($search\_val as $s\_key => $s\_value){

$search = $search."$s\_key LIKE '%$s\_value%' $op ";

}

$search = rtrim($search, "$op ");

$search = "SELECT \* FROM $tblname WHERE $search";

$search\_query = mysqli\_query($this->con, $search);

if(mysqli\_num\_rows($search\_query) > 0){

$serch\_fetch = mysqli\_fetch\_all($search\_query, MYSQLI\_ASSOC);

return $serch\_fetch;

}

else{

return false;

}

}

}

?>

**Deleteprocess.php**

<?php

include\_once('config.php');

$user\_fun = new Userfunction();

$json = array();

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

if(isset($\_POST['delete\_id']) && $\_POST['delete\_id'] > 0){

$deleteid = $user\_fun->htmlvalidation($\_POST['delete\_id']);

$condition['u\_id'] = $deleteid;

$delete\_rec = $user\_fun->delete("user",$condition);

if($delete\_rec){

$json['status'] = 0;

$json['msg'] = "SuccessFully Deleted";

}

else{

$json['status'] = 1;

$json['msg'] = "Data Not Deleted";

}

}

else{

$json['status'] = 2;

$json['msg'] = "Invalid Value Passed";

}

}

else{

$json['status'] = 3;

$json['msg'] = "Invalid Method Found";

}

echo json\_encode($json);

?>

**Insprocess.php**

<?php

include\_once('config.php');

$user\_fun = new Userfunction();

$json = array();

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

if(isset($\_POST['username']) && isset($\_POST['email']) && isset($\_POST['country']) && isset($\_POST['bod']) && isset($\_POST['gender'])){

$username = $user\_fun->htmlvalidation($\_POST['username']);

$email = $user\_fun->htmlvalidation($\_POST['email']);

$country = $user\_fun->htmlvalidation($\_POST['country']);

$bod = $user\_fun->htmlvalidation($\_POST['bod']);

$gender = $user\_fun->htmlvalidation($\_POST['gender']);

if((!preg\_match('/^[ ]\*$/', $username)) && (!preg\_match('/^[ ]\*$/', $email)) && (!preg\_match('/^[ ]\*$/', $country)) && (!preg\_match('/^[ ]\*$/', $gender)) && ($bod != NULL)){

$field\_val['u\_name'] = $username;

$field\_val['u\_email'] = $email;

$field\_val['u\_gender'] = $gender;

$field\_val['u\_country'] = $country;

$field\_val['u\_bod'] = $bod;

$insert = $user\_fun->insert("user", $field\_val);

if($insert){

$json['status'] = 101;

$json['msg'] = "Data Successfully Inserted";

}

else{

$json['status'] = 102;

$json['msg'] = "Data Not Inserted";

}

}

else{

if(preg\_match('/^[ ]\*$/', $username)){

$json['status'] = 103;

$json['msg'] = "Please Enter Username";

}

if(preg\_match('/^[ ]\*$/', $email)){

$json['status'] = 104;

$json['msg'] = "Please Enter Email";

}

if(preg\_match('/^[ ]\*$/', $country)){

$json['status'] = 105;

$json['msg'] = "Please Select Country";

}

if(preg\_match('/^[ ]\*$/', $gender)){

$json['status'] = 106;

$json['msg'] = "Please Choice Gender";

}

if($bod == NULL){

$json['status'] = 107;

$json['msg'] = "Please Enter BOD";

}

}

}

else{

$json['status'] = 108;

$json['msg'] = "Invalid Values Passed";

}

}

else{

$json['status'] = 109;

$json['msg'] = "Invalid Method Found";

}

echo json\_encode($json);

?>

**Record.php**

<?php

include\_once('config.php');

$user\_fun = new Userfunction();

$counter = 1;

if(isset($\_POST['keyword']) && !empty(trim($\_POST['keyword']))){

$keyword = $user\_fun->htmlvalidation($\_POST['keyword']);

$match\_field['u\_name'] = $keyword;

$match\_field['u\_email'] = $keyword;

$select = $user\_fun->search("user", $match\_field, "OR");

}

else{

$select = $user\_fun->select("user");

}

?>

<table class="table" style="vertical-align: middle; text-align:

center;">

<thead class="thead-dark">

<tr>

<th scope="col">#</th>

<th scope="col">Name</th>

<th scope="col">Email</th>

<th scope="col">Gender</th>

<th scope="col">Country</th>

<th scope="col">DOB</th>

<th scope="col">Action</th>

</tr>

</thead>

<tbody>

<?php if($select){ foreach($select as $se\_data){ ?>

<tr>

<th scope="row"><?php echo $counter; $counter++; ?></th>

<td><?php echo $se\_data['u\_name']; ?></td>

<td><?php echo $se\_data['u\_email']; ?></td>

<td><?php echo $se\_data['u\_gender']; ?></td>

<td><?php echo $se\_data['u\_country']; ?></td>

<td><?php echo $se\_data['u\_bod']; ?></td>

<td>

<button type="button" class="btn btn-danger

editdata" data-dataid="<?php echo $se\_data['u\_id']; ?>" data-toggle="modal" data target="#updateModalCenter">Update</button>

<button type="button" class="btn btn-danger

deletedata" data-dataid="<?php echo $se\_data['u\_id']; ?>" data-toggle="modal" data target="#deleteModalCenter">Delete</button>

</td>

</tr>

<?php }}else{ echo "<tr><td colspan='7'><h2>No Result

Found</h2></td></tr>"; } ?>

</tbody>

</table>

**Updateprocess.php**

<?php

include\_once('config.php');

$user\_fun = new Userfunction();

$json = array();

if($\_SERVER['REQUEST\_METHOD'] == 'GET'){

if(isset($\_GET['checkid']) && $\_GET['checkid'] > 0){

$update\_ch\_id = $user\_fun->htmlvalidation($\_GET['checkid']);

$condition0['u\_id'] = $update\_ch\_id;

$select\_pre = $user\_fun->select\_assoc("user", $condition0); if($select\_pre){

$json['status'] = 0;

$json['username'] = $select\_pre['u\_name'];

$json['email'] = $select\_pre['u\_email'];

$json['country'] = $select\_pre['u\_country'];

$json['bod'] = $select\_pre['u\_bod'];

$json['gender'] = $select\_pre['u\_gender'];

$json['msg'] = "Success";

}

else{

$json['status'] = 1;

$json['username'] = "NULL";

$json['email'] = "NULL";

$json['country'] = "NULL";

$json['bod'] = "NULL";

$json['gender'] = "NULL";

$json['msg'] = "Fail";

}

}

else{

$json['status'] = 2;

$json['username'] = "NULL";

$json['email'] = "NULL";

$json['country'] = "NULL";

$json['bod'] = "NULL";

$json['gender'] = "NULL";

$json['msg'] = "Invalid Values Passed";

}

}

else{

$json['status'] = 3;

$json['username'] = "NULL";

$json['email'] = "NULL";

$json['country'] = "NULL";

$json['bod'] = "NULL";

$json['gender'] = "NULL";

$json['msg'] = "Invalid Method Found";

}

echo json\_encode($json);

?>

