View:order\_form.php

<?php

defined('BASEPATH') OR exit('No direct script access allowed');

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Dynamic Form</title>

<!-- Bootstrap CSS -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet">

<style>

/\* Additional Custom Styles \*/

.orderRow {

margin-bottom: 20px;

}

</style>

</head>

<body>

<div class="container">

<form id="orderForm" action="<?php echo base\_url('orders/add\_order'); ?>" method="post">

<div id="orderRows">

<div class="orderRow row">

<div class="col-md-2">

<label for="category" class="form-label">Category:</label>

<input type="text" name="category[]" class="form-control" required>

</div>

<div class="col-md-2">

<label for="product" class="form-label">Product:</label>

<input type="text" name="product[]" class="form-control" required>

</div>

<div class="col-md-2">

<label for="orderDate" class="form-label">Order Date:</label>

<input type="date" name="orderDate[]" class="form-control" required>

</div>

<div class="col-md-2">

<label for="deliveryDate" class="form-label">Delivery Date:</label>

<input type="date" name="deliveryDate[]" class="form-control" required>

</div>

<div class="col-md-1">

<label for="unitPrice" class="form-label">Unit Price:</label>

<input type="number" name="unitPrice[]" class="form-control" required>

</div>

<div class="col-md-1">

<label for="quantity" class="form-label">Quantity:</label>

<input type="number" name="quantity[]" class="form-control" required>

</div>

<div class="col-md-2">

<label for="subtotal" class="form-label">Subtotal:</label>

<input type="text" name="subtotal[]" class="form-control subtotal" readonly>

</div>

</div>

</div>

<button type="button" id="addRowButton" class="btn btn-primary">Add Row</button>

<div class="mt-3">

<label for="total" class="form-label">Overall Total:</label>

<input type="text" id="total" class="form-control" readonly>

</div>

<div class="mt-3">

<button type="submit" class="btn btn-primary">Submit</button>

</div>

</form>

</div>

<div class="mt-3">

<a href="<?php echo base\_url('orders/order\_list');?>" target="\_blank">View Products </a>

</div>

<!-- Bootstrap JS (Optional) -->

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js"></script>

<script>

document.getElementById("addRowButton").addEventListener("click", function() {

var orderRows = document.getElementById("orderRows");

var newOrderRow = document.createElement("div");

newOrderRow.classList.add("orderRow", "row");

newOrderRow.innerHTML = `

<div class="col-md-2">

<label for="category" class="form-label">Category:</label>

<input type="text" name="category[]" class="form-control" required>

</div>

<div class="col-md-2">

<label for="product" class="form-label">Product:</label>

<input type="text" name="product[]" class="form-control" required>

</div>

<div class="col-md-2">

<label for="orderDate" class="form-label">Order Date:</label>

<input type="date" name="orderDate[]" class="form-control" required>

</div>

<div class="col-md-2">

<label for="deliveryDate" class="form-label">Delivery Date:</label>

<input type="date" name="deliveryDate[]" class="form-control" required>

</div>

<div class="col-md-1">

<label for="unitPrice" class="form-label">Unit Price:</label>

<input type="number" name="unitPrice[]" class="form-control" required>

</div>

<div class="col-md-1">

<label for="quantity" class="form-label">Quantity:</label>

<input type="number" name="quantity[]" class="form-control" required>

</div>

<div class="col-md-2">

<label for="subtotal" class="form-label">Subtotal:</label>

<input type="text" name="subtotal[]" class="form-control subtotal" readonly>

</div>

`;

orderRows.appendChild(newOrderRow);

});

// Calculate subtotal for each row and overall total

document.getElementById("orderRows").addEventListener("input", function() {

var subtotals = document.querySelectorAll(".subtotal");

var total = 0;

subtotals.forEach(function(subtotalInput) {

var unitPrice = parseFloat(subtotalInput.parentNode.parentNode.querySelector("[name='unitPrice[]']").value) || 0;

var quantity = parseFloat(subtotalInput.parentNode.parentNode.querySelector("[name='quantity[]']").value) || 0;

var subtotal = unitPrice \* quantity;

subtotalInput.value = subtotal.toFixed(2);

total += subtotal;

});

document.getElementById("total").value = total.toFixed(2);

});

</script>

</body>

</html>

Order\_list.php

<?php

defined('BASEPATH') OR exit('No direct script access allowed');

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Order List</title>

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css">

</head>

<body>

<div class="container">

<h2>Order List</h2>

<table class="table">

<thead>

<tr>

<th>#</th>

<th>Category</th>

<th>Product</th>

<th>Order Date</th>

<th>Delivery Date</th>

<th>Unit Price</th>

<th>Quantity</th>

<th>Subtotal</th>

</tr>

</thead>

<tbody>

<?php foreach ($orders as $order): ?>

<tr>

<td><?php echo $order->id; ?></td>

<td><?php echo $order->category; ?></td>

<td><?php echo $order->product; ?></td>

<td><?php echo $order->order\_date; ?></td>

<td><?php echo $order->delivery\_date; ?></td>

<td><?php echo $order->unit\_price; ?></td>

<td><?php echo $order->quantity; ?></td>

<td><?php echo $order->subtotal; ?></td>

</tr>

<?php endforeach; ?>

</tbody>

</table>

<div>

<?php

$total = 0;

foreach($orders as $order){

$total += $order->subtotal;

}

?>

<h2><?php echo "Total : ".$total; ?></h2>

</div>

</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js"></script>

</body>

</html>

Controllers: orders.php

<?php

defined('BASEPATH') OR exit('No direct script access allowed');

class Orders extends CI\_Controller {

public function \_\_construct() {

parent::\_\_construct();

$this->load->model('Order\_model');

$this->load->helper('url');

$this->load->database();

}

public function index() {

$this->load->view('order\_form');

}

public function order\_list() {

$data['orders'] = $this->Order\_model->get\_orders();

$this->load->view('order\_list', $data);

}

// public function add\_order() {

// $data = array(

// 'category' => $this->input->post('category'),

// 'product' => $this->input->post('product'),

// 'order\_date' => $this->input->post('orderDate'),

// 'delivery\_date' => $this->input->post('deliveryDate'),

// 'unit\_price' => $this->input->post('unitPrice'),

// 'quantity' => $this->input->post('quantity'),

// 'subtotal' => $this->input->post('subtotal')

// );

// $this->Order\_model->add\_order($data);

// redirect('orders/index');

// }

public function add\_order() {

// Retrieve array of form data

$categories = $this->input->post('category');

$products = $this->input->post('product');

$orderDates = $this->input->post('orderDate');

$deliveryDates = $this->input->post('deliveryDate');

$unitPrices = $this->input->post('unitPrice');

$quantities = $this->input->post('quantity');

$subtotals = $this->input->post('subtotal');

// Loop through each set of form data and insert into database

for ($i = 0; $i < count($categories); $i++) {

$data = array(

'category' => $categories[$i],

'product' => $products[$i],

'order\_date' => $orderDates[$i],

'delivery\_date' => $deliveryDates[$i],

'unit\_price' => $unitPrices[$i],

'quantity' => $quantities[$i],

'subtotal' => $subtotals[$i]

);

// Process $data here (e.g., validation, conversion)

$this->Order\_model->add\_order($data);

}

redirect('orders/index');

}

}

Models: Order\_Model.php

<?php

defined('BASEPATH') OR exit('No direct script access allowed');

class Order\_model extends CI\_Model {

public function add\_order($data) {

$this->db->insert('orders', $data);

}

public function get\_orders() {

return $this->db->get('orders')->result();

}

}

**2nd project:**

Views: items.php

<!DOCTYPE html>

<html>

<head>

<title>CRUD with CodeIgniter</title>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

</head>

<body>

<h2>Items</h2>

<form id="itemForm">

<input type="text" name="name" placeholder="Name">

<input type="text" name="description" placeholder="Description">

<input type="number" name="phone" placeholder="">

<button type="submit">Add Item</button>

</form>

<ul id="itemList">

</ul>

<div id="editFormContainer" style="display: none;">

<h3>Edit Item</h3>

<form id="editForm">

<input type="hidden" name="edit\_id" id="edit\_id">

<input type="text" name="edit\_name" id="edit\_name" placeholder="Name">

<input type="text" name="edit\_description" id="edit\_description" placeholder="Description">

<input type="text" name="edit\_phone" id="edit\_phone" placeholder="">

<button type="submit">Update Item</button>

<button type="button" onclick="cancelEdit()">Cancel</button>

</form>

</div>

<script>

$(document).ready(function(){

// Load items on page load

loadItems();

// Handle form submission

$('#itemForm').submit(function(e){

e.preventDefault();

var formData = $(this).serialize();

$.ajax({

url: '<?php echo base\_url("items/add\_item"); ?>',

type: 'POST',

data: formData,

success: function(response){

var data = JSON.parse(response);

if(data.item\_id) {

alert('Item added successfully!');

loadItems();

$('#itemForm')[0].reset(); // Clear form fields

}

}

});

});

// Function to load items via AJAX

function loadItems() {

$.ajax({

url: '<?php echo base\_url("items/get\_items"); ?>',

type: 'GET',

success: function(response){

var data = JSON.parse(response);

$('#itemList').empty();

$.each(data, function(index, item){

var listItem = $('<li>' + item.name + ' - ' + item.description + ' - '+ item.phone + '</li>');

var editButton = $('<button onclick="editItem(' + item.id + ', \'' + item.name + '\', \'' + item.description + '\',\'' + item.phone + '\')">Edit</button>');

var deleteButton = $('<button onclick="deleteItem(' + item.id + ')">Delete</button>');

listItem.append(editButton).append(deleteButton);

$('#itemList').append(listItem);

});

}

});

}

// Function to show edit form

window.editItem = function(id, name, description,phone) {

$('#edit\_id').val(id);

$('#edit\_name').val(name);

$('#edit\_description').val(description);

$('#edit\_phone').val(phone);

$('#editFormContainer').show();

}

// Function to cancel edit

window.cancelEdit = function() {

$('#editFormContainer').hide();

}

// Handle edit form submission

$('#editForm').submit(function(e){

e.preventDefault();

var formData = $(this).serialize();

console.log(formData);

$.ajax({

url: '<?php echo base\_url("items/update\_item"); ?>',

type: 'POST',

data: formData,

success: function(response){

var data = JSON.parse(response);

console.log(data);

if(data.success) {

alert('Item updated successfully!');

loadItems();

cancelEdit();

}

}

});

});

// Function to delete item

window.deleteItem = function(id) {

if(confirm('Are you sure you want to delete this item?')) {

$.ajax({

url: '<?php echo base\_url("items/delete\_item"); ?>',

type: 'POST',

data: {id: id},

success: function(response){

var data = JSON.parse(response);

if(data.success) {

alert('Item deleted successfully!');

loadItems();

}

}

});

}

}

});

</script>

</body>

</html>

Controllers:Items.php

<?php

defined('BASEPATH') or exit('No direct script access allowed');

class Items extends CI\_Controller{

function \_\_construct(){

parent::\_\_construct();

$this->load->model('item\_model');

$this->load->helper('url');

}

public function index() {

$this->load->view('items');

}

public function get\_items() {

$items = $this->item\_model->get\_items();

echo json\_encode($items);

}

public function add\_item() {

$data = array(

'name' => $this->input->post('name'),

'description' => $this->input->post('description'),

'phone' => $this->input->post('phone'),

);

$item\_id = $this->item\_model->add\_item($data);

echo json\_encode(array("item\_id" => $item\_id));

}

public function update\_item() {

$id = $this->input->post('edit\_id');

$data = array(

'name' => $this->input->post('edit\_name'),

'description' => $this->input->post('edit\_description'),

'phone' => $this->input->post('edit\_phone'),

);

$result = $this->item\_model->update\_item($id, $data);

if($result) {

echo json\_encode(array("success" => "success"));

} else {

echo json\_encode(array("success" => "error"));

}

}

public function delete\_item() {

$id = $this->input->post('id');

$result = $this->item\_model->delete\_item($id);

echo json\_encode(array("success" => $result));

}

}

?>

Models: Item\_model.php

<?php

class Item\_model extends CI\_Model{

public function \_\_construct(){

parent::\_\_construct();

$this->load->database();

}

public function get\_items(){

return $this->db->get('items')->result\_array();

}

public function add\_item($data){

$this->db->insert('items',$data);

return $this->db->insert\_id();

}

public function update\_item($id,$data){

$this->db->where('id',$id);

return $this->db->update('items',$data);

}

public function delete\_item($id){

return $this->db->delete('items',array('id'=>$id));

}

}

?>