Learning

$("#productForm").submit(function (e) {

e.preventDefault();

var formData = new FormData();

formData.append("ProductName", $("#productName").val());

formData.append("Quantity", $("#quantity").val());

formData.append("Price", $("#price").val());

var files = $("#images")[0].files;

for (var i = 0; i < files.length; i++) {

formData.append("FileUpload", files[i]);

}

//console.log("Product Name:", formData.get("ProductName"));

//console.log("Quantity:", formData.get("Quantity"));

//console.log("Price:", formData.get("Price"));

for (var pair of formData.entries()) {

if (pair[1] instanceof File) {

console.log(pair[0] + ": " + pair[1].name);

} else {

console.log(pair[0] + ": " + pair[1]);

}

}

**Output:-**

ProductName: vivo

Quantity: 4

Price: 12000

FileUpload: WhatsApp Image 2025-02-11 at 22.56.47.jpeg

FileUpload: WhatsApp Image 2025-02-11 at 22.40.51 (1).jpeg

Listing of product using ajax jquery:-

@{

ViewData["Title"] = "Create Product";

}

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8" />

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

<title>CrudPrac</title>

<**link** rel="stylesheet" href="~/lib/bootstrap/dist/css/bootstrap.min.css" />

<**link** rel="stylesheet" **href**="~/css/site.css" **asp-append-version**="true" />

<**link** rel="stylesheet" **href**="~/CrudPrac.styles.css" **asp-append-version**="true" />

</head>

<body>

<header>

<nav class="navbar navbar-expand-sm navbar-toggleable-sm navbar-dark bg-primary border-bottom box-shadow mb-3">

<div class="container-fluid">

<**a** class="navbar-brand" **asp-area**="" **asp-controller**="Home" **asp-action**="Index">CrudPrac</**a**>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target=".navbar-collapse" aria-controls="navbarSupportedContent"

aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="navbar-collapse collapse d-sm-inline-flex justify-content-between">

<ul class="navbar-nav flex-grow-1">

<li class="nav-item">

<**a** class="nav-link" **asp-area**="" **asp-controller**="Home" **asp-action**="Index">Home</**a**>

</li>

<li class="nav-item">

<**a** class="nav-link" **asp-area**="" **asp-controller**="Home" **asp-action**="Privacy">Privacy</**a**>

</li>

<li class="nav-item">

<**a** class="nav-link" **asp-area**="" **asp-controller**="Category" **asp-action**="Index">Category</**a**>

</li>

</ul>

</div>

</div>

</nav>

</header>

<div class="container">

<h2>Create Product</h2>

<**form** id="productForm">

<div class="form-group">

<label>Product Name:</label>

<input type="text" id="productName" name="ProductName" class="form-control" required />

</div>

<div class="form-group">

<label>Quantity:</label>

<input type="number" id="quantity" name="Quantity" class="form-control" required />

</div>

<div class="form-group">

<label>Price:</label>

<input type="number" step="0.01" id="price" name="Price" class="form-control" required />

</div>

<div class="form-group">

<label>Upload Images:</label>

<input type="file" id="images" name="FileUpload" class="form-control" multiple required />

</div>

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

</**form**>

<br>

<div id="result"></div>

<br>

<table id="productTable" class="table table-bordered">

<thead>

<tr>

<th>Product Name</th>

<th>Quantity</th>

<th>Price</th>

<th>Images</th>

</tr>

</thead>

<tbody>

</tbody>

</table>

</div>

<footer class="border-top footer text-muted">

<div class="container">

&copy; 2024 - CrudPrac - <**a** **asp-area**="" **asp-controller**="Home" **asp-action**="Privacy">Privacy</**a**>

</div>

</footer>

<**script** src="~/lib/jquery/dist/jquery.min.js"></**script**>

<**script** src="~/lib/bootstrap/dist/js/bootstrap.bundle.min.js"></**script**>

<**script** **src**="~/js/site.js" **asp-append-version**="true"></**script**>

@section Scripts {

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

<script>

$(document).ready(function () {

loadProducts();

function loadProducts()

{

console.log("AJAX Request Started...");

// alert("hi");

$.ajax({

url: "/Product/GetAllProduct",

type: "GET",

//data: formData, // serializes the form's elements.

dataType: "JSON",

//processData: false,

success: function (product\_list) {

var tableBody = $("#productTable tbody");

tableBody.empty(); // Clear old data

$.each(product\_list, function (index, product) {

var imageHtml = "";

// Check if FilePathList contains multiple images

if (product.filePathList && Array.isArray(product.filePathList)) {

product.filePathList.forEach(function (img) {

imageHtml += `<img src="${img}" width="50" height="50" style="margin-right:5px;" />`;

});

}

var row = `<tr>

<td>${product.productName}</td>

<td>${product.quantity}</td>

<td>${product.price}</td>

<td>${imageHtml}</td>

</tr>`;

tableBody.append(row);

});

},

error: function (error) {

console.log("Error fetching products:", error);

}

});

}

$("#productForm").submit(function (e) {

e.preventDefault();

var formData = new FormData();

formData.append("ProductName", $("#productName").val());

formData.append("Quantity", $("#quantity").val());

formData.append("Price", $("#price").val());

var files = $("#images")[0].files;

for (var i = 0; i < files.length; i++) {

formData.append("FileUpload", files[i]);

}

//console.log("Product Name:", formData.get("ProductName"));

//console.log("Quantity:", formData.get("Quantity"));

//console.log("Price:", formData.get("Price"));

for (var pair of formData.entries()) {

if (pair[1] instanceof File) {

console.log(pair[0] + ": " + pair[1].name);

} else {

console.log(pair[0] + ": " + pair[1]);

}

}

$.ajax({

url: "/Product/CreateProduct",

type: "POST",

data: formData, // serializes the form's elements.

contentType: false,

processData: false,

success: function (response) {

$("#result").html("<div class='alert alert-success'>" + response.message + "</div>");

},

error: function (error) {

$("#result").html("<div class='alert alert-danger'>Error: " + error.responseJSON.message + "</div>");

}

});

});

});

</script>

}

</body>

</html>

Get JSON response is array of object which means [ {}, {} ]

[

{

"productId": 1,

"productName": "vivo",

"quantity": 4,

"price": 12000,

"filePath": "[\u0022/uploads/621ce376-18d5-4e05-b277-d36feec093d7\_WhatsApp Image 2025-02-11 at 22.56.47.jpeg\u0022,\u0022/uploads/c55d2467-f907-4868-a0ee-fe31faac340f\_WhatsApp Image 2025-02-11 at 22.40.51 (1).jpeg\u0022]",

"fileUpload": [],

"filePathList": [

"/uploads/621ce376-18d5-4e05-b277-d36feec093d7\_WhatsApp Image 2025-02-11 at 22.56.47.jpeg",

"/uploads/c55d2467-f907-4868-a0ee-fe31faac340f\_WhatsApp Image 2025-02-11 at 22.40.51 (1).jpeg"

]

},

{

"productId": 2,

"productName": "vivo",

"quantity": 4,

"price": 12000,

"filePath": "[\u0022/uploads/a6f62aa5-7952-4d15-b6e9-6ebf595f6d21\_WhatsApp Image 2025-02-11 at 22.56.47.jpeg\u0022,\u0022/uploads/6b52f8d8-c2b1-4c59-af0c-e6ec556285b3\_WhatsApp Image 2025-02-11 at 22.40.51 (1).jpeg\u0022]",

"fileUpload": [],

"filePathList": [

"/uploads/a6f62aa5-7952-4d15-b6e9-6ebf595f6d21\_WhatsApp Image 2025-02-11 at 22.56.47.jpeg",

"/uploads/6b52f8d8-c2b1-4c59-af0c-e6ec556285b3\_WhatsApp Image 2025-02-11 at 22.40.51 (1).jpeg"

]

},

{

"productId": 3,

"productName": "vivo v25",

"quantity": 5,

"price": 8500000,

"filePath": "[\u0022/uploads/b1d7e345-7b64-4078-bd69-62e81a20172e\_passportsizepic.jpeg\u0022,\u0022/uploads/c2f95131-8714-4a00-9f9a-5d88dbe37de0\_WhatsApp Image 2025-01-19 at 00.39.28.jpeg\u0022,\u0022/uploads/ac9b6f38-c92f-447d-8c51-f8bd812e40ba\_WhatsApp Image 2025-01-19 at 00.39.29.jpeg\u0022]",

"fileUpload": [],

"filePathList": [

"/uploads/b1d7e345-7b64-4078-bd69-62e81a20172e\_passportsizepic.jpeg",

"/uploads/c2f95131-8714-4a00-9f9a-5d88dbe37de0\_WhatsApp Image 2025-01-19 at 00.39.28.jpeg",

"/uploads/ac9b6f38-c92f-447d-8c51-f8bd812e40ba\_WhatsApp Image 2025-01-19 at 00.39.29.jpeg"

]

},

{

"productId": 4,

"productName": "one plus",

"quantity": 50,

"price": 85000000,

"filePath": "[\u0022/uploads/ab3e0e43-425d-4fd3-a12d-8cad4c1bbb81\_1st.jpeg\u0022,\u0022/uploads/b0dae8c1-deb6-4195-853a-e05e866f136a\_the-future-is-s4fv5f.jpg\u0022,\u0022/uploads/8dcd2cdd-5c93-4ca0-b5e4-88510a9d2657\_833cdc4048fb2498cae211dd5056193d.jpg\u0022,\u0022/uploads/dc5fe2ac-684a-46dd-9445-1a9219db6b65\_OIP.jfif\u0022]",

"fileUpload": [],

"filePathList": [

"/uploads/ab3e0e43-425d-4fd3-a12d-8cad4c1bbb81\_1st.jpeg",

"/uploads/b0dae8c1-deb6-4195-853a-e05e866f136a\_the-future-is-s4fv5f.jpg",

"/uploads/8dcd2cdd-5c93-4ca0-b5e4-88510a9d2657\_833cdc4048fb2498cae211dd5056193d.jpg",

"/uploads/dc5fe2ac-684a-46dd-9445-1a9219db6b65\_OIP.jfif"

]

}

]