FORM HANDLING ASP NET CORE

1. Model binding to collect form data.

***Listing 2-13.*** Adding a Method in the HomeController.cs File in the Controllers Folder

using System;

using Microsoft.AspNetCore.Mvc;

**using PartyInvites.Models;**

namespace PartyInvites.Controllers {

public class HomeController : Controller {

public ViewResult Index() {

int hour = DateTime.Now.Hour;

ViewBag.Greeting = hour < 12 ? "Good Morning" : "Good Afternoon";

return View("MyView");

}

[HttpGet]

public ViewResult RsvpForm() {

return View();

}

[HttpPost]

public ViewResult RsvpForm(**GuestResponse guestResponse**) {

// TODO: store response from guest

return View();

}

}

}

1. Add Repository class Repository.cs to Models

using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

namespace Invites.Models

{

public class Repository

{

private static List<GuestResponse> responses = new List<GuestResponse>();

public static IEnumerable<GuestResponse> Responses

{

get

{

return responses;

}

}

public static void AddResponse(GuestResponse response)

{

responses.Add(response);

}

}

}

1. Add

Repository.AddResponse(guestResponse);

return View("Thanks", guestResponse);

to Form Post Method

[HttpPost]

public ViewResult RsvpForm(GuestResponse guestResponse) {

Repository.AddResponse(guestResponse);

return View("Thanks", guestResponse);

}

1. Pull all stored data

public ViewResult ListResponses()

{

return View(Repository.Responses.Where(r => r.WillAttend == true));

}

1. Display in view

@model IEnumerable<Invites.Models.GuestResponse>

@{

Layout = null;

}

<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width" />

<title>Responses</title>

</head>

<body>

<h2>Here is the list of people attending the party</h2>

<table>

<thead>

<tr>

<th>Name</th>

<th>Email</th>

<th>Phone</th>

</tr>

</thead>

<tbody>

@foreach (Invites.Models.GuestResponse r in Model)

{

<tr>

<td>@r.Name</td>

<td>@r.Email</td>

<td>@r.Phone</td>

</tr>

}

1. </tbody>

</table>

</body>

</html>