Graphical user interface, text, application, email

Description automatically generated

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Graphical user interface, application

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@page

@model RazorPagesBasics.Pages.ReservationModel

@{

ViewData["Title"] = "Dinner Reservation";

}

<h1>Dinner Reservation</h1>

<div asp-validation-summary="All"></div>

<form method="post">

<p>

Name: <input type="text" asp-for="Name" />

Contact Number: <input type="text"

asp-for="ContactNumber" />

</p>

<p>

Number of people: <input type="text"

asp-for="NumberOfPeople" />

</p>

<p>

Reservation Datetime: <input type="datetime-local"

asp-for="ReservationDateTime" />

</p>

<p><input type="submit" value="OK" /></p>

<p>

Reservation Information: @Model.ReservationInfo

@Model.Message

</p>

</form>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

using Microsoft.AspNetCore.Mvc;

using Microsoft.AspNetCore.Mvc.RazorPages;

using System.ComponentModel.DataAnnotations;

namespace RazorPagesBasics.Pages

{

public class ReservationModel : PageModel

{

[BindProperty]

[Required(ErrorMessage = "You must enter your name")]

public string Name { get; set; }

[BindProperty]

[Required(ErrorMessage = "You must enter your contact number")]

public string ContactNumber { get; set; }

[BindProperty]

[Required(ErrorMessage = "You must enter the number of people")]

[Range(1, 5, ErrorMessage = "You can only reserve for 1 to 5 people.")]

public int NumberOfPeople { get; set; }

[BindProperty]

public DateTime ReservationDateTime

{ get; set; } = System.DateTime.Now;

[BindProperty]

public string ReservationInfo { get; set; }

public string Message;

public IActionResult OnPost()

{

if (ModelState.IsValid)

{

if (ReservationDateTime < System.DateTime.Now.AddDays(1))

{

Message = "Reservation date time must be 1 day in advance";

return Page();

}

ReservationInfo = "Name: " + Name + " " +

"Contact Number: " + ContactNumber + " " +

"Number of People: " + NumberOfPeople.ToString() +

" " + "Reservation Date Time: " +

ReservationDateTime.ToString();

return Page();

}

else

{

return Page();

}

}

}

}