Graphical user interface, text, application, email

Description automatically generated

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Graphical user interface, text, application, email

Description automatically generated

@page

@model RazorPagesBasics.Pages.MedicalModel

@{

ViewData["Title"] = "Medical Appointment";

}

<h1>Medical Appoinment Zeph Tan S10223377B</h1>

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

<form method="post">

<p>

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

Age (in years): <input type="text"

asp-for="Age" />

</p>

<p>

Appointment Date/time: <input type="datetime-local"

asp-for="ReservationDateTime"

asp-format="{0:yyyy-MM-ddTHH:mm}" />

<i style="color: red">@Model.Message</i>

</p>

<table class="table">

<thead>

<tr>

<th>

Doctor

</th>

<th>

Consultation Fee

</th>

</tr>

</thead>

<tbody>

<tr>

<td>

<input type="radio" asp-for="Doctor" value="Senior Consultant" checked="checked" /> Senior Consultant <br />

</td>

<td>

$200.00

</td>

</tr>

<tr>

<td>

<input type="radio" asp-for="Doctor" value="Consultant" /> Consultant <br />

</td>

<td>

$120.00

</td>

</tr>

</tbody>

</table>

<p>

<input type="checkbox" asp-for="Fever" />

Do you currently have fever symptoms? <br />

<input type="checkbox" asp-for="Overseas" />

Have you travelled overseas in the past 14 days? <br />

</p>

<p>

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

</p>

<p>

Patient Info: @Model.PatientInfo

</p>

<p>

Doctor Info: @Model.DoctorInfo

</p>

<p>

Appointment Date/Time: @Model.DateTime

</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 MedicalModel : PageModel

{

[BindProperty]

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

public string Name { get; set; }

[BindProperty]

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

[Range(1, 16, ErrorMessage = "You must enter an age between 1 and 16")]

public int Age { get; set; }

[BindProperty]

public DateTime ReservationDateTime

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

[BindProperty]

public string Doctor { get; set; }

[BindProperty]

public bool Fever { get; set; }

[BindProperty]

public bool Overseas { get; set; }

public string Message;

public string PatientInfo;

public string DoctorInfo;

public string DateTime;

public IActionResult OnPost()

{

if (ModelState.IsValid)

{

if (ReservationDateTime < System.DateTime.Now.AddHours(3))

{

Message = "Appointments must be at least 3 hours in advance";

return Page();

}

PatientInfo = Name + ", " + Age.ToString() + " years, ";

if(Fever)

{

PatientInfo += "Fever, ";

}

if(Overseas)

{

PatientInfo += "Travelled Overseas";

}

DoctorInfo = Doctor + ", ";

if(Doctor == "Senior Consultant")

{

DoctorInfo += "$200.00";

}

else

{

DoctorInfo += "$120.00";

}

DateTime = ReservationDateTime.ToString();

return Page();

}

else

{

return Page();

}

}

}

}