**Assigment no : 3**

**Muhammad Zohaib**

**213062**

**CRUD Code:**

**Initial code:**

using Microsoft.EntityFrameworkCore.Migrations;

#nullable disable

namespace \_213062\_CRUD\_.Migrations

{

public partial class initial : Migration

{

protected override void Up(MigrationBuilder migrationBuilder)

{

migrationBuilder.CreateTable(

name: "CRUD",

columns: table => new

{

Id = table.Column<int>(type: "int", nullable: false)

.Annotation("SqlServer:Identity", "1, 1"),

Name = table.Column<string>(type: "nvarchar(max)", nullable: false),

Email = table.Column<string>(type: "nvarchar(max)", nullable: false)

},

constraints: table =>

{

table.PrimaryKey("PK\_CRUD", x => x.Id);

});

}

protected override void Down(MigrationBuilder migrationBuilder)

{

migrationBuilder.DropTable(

name: "CRUD");

}

}

}

**Index.html**

@page

@model \_213062\_CRUD\_.Pages.Users.IndexModel

@{

ViewData["Title"] = "Index";

}

<h1>Index</h1>

<p>

<**a** **asp-page**="Create">Create New</**a**>

</p>

<table class="table">

<thead>

<tr>

<th>

@Html.DisplayNameFor(model => model.CRUD[0].Name)

</th>

<th>

@Html.DisplayNameFor(model => model.CRUD[0].Email)

</th>

<th></th>

</tr>

</thead>

<tbody>

@foreach (var item in Model.CRUD) {

<tr>

<td>

@Html.DisplayFor(modelItem => item.Name)

</td>

<td>

@Html.DisplayFor(modelItem => item.Email)

</td>

<td>

<**a** **asp-page**="./Edit" **asp-route-id**="@item.Id">Edit</**a**> |

<**a** **asp-page**="./Details" **asp-route-id**="@item.Id">Details</**a**> |

<**a** **asp-page**="./Delete" **asp-route-id**="@item.Id">Delete</**a**>

</td>

</tr>

}

</tbody>

</table>

**Delete.html**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

using Microsoft.AspNetCore.Mvc;

using Microsoft.AspNetCore.Mvc.RazorPages;

using Microsoft.EntityFrameworkCore;

using \_213062\_CRUD\_.Data;

using \_213062\_CRUD\_.Model;

namespace \_213062\_CRUD\_.Pages.Users

{

public class DeleteModel : PageModel

{

private readonly \_213062\_CRUD\_.Data.\_213062\_CRUD\_Context \_context;

public DeleteModel(\_213062\_CRUD\_.Data.\_213062\_CRUD\_Context context)

{

\_context = context;

}

[BindProperty]

public CRUD CRUD { get; set; } = default!;

public async Task<IActionResult> OnGetAsync(int? id)

{

if (id == null || \_context.CRUD == null)

{

return NotFound();

}

var crud = await \_context.CRUD.FirstOrDefaultAsync(m => m.Id == id);

if (crud == null)

{

return NotFound();

}

else

{

CRUD = crud;

}

return Page();

}

public async Task<IActionResult> OnPostAsync(int? id)

{

if (id == null || \_context.CRUD == null)

{

return NotFound();

}

var crud = await \_context.CRUD.FindAsync(id);

if (crud != null)

{

CRUD = crud;

\_context.CRUD.Remove(CRUD);

await \_context.SaveChangesAsync();

}

return RedirectToPage("./Index");

}

}

}

**Detail.cshtml**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

using Microsoft.AspNetCore.Mvc;

using Microsoft.AspNetCore.Mvc.RazorPages;

using Microsoft.EntityFrameworkCore;

using \_213062\_CRUD\_.Data;

using \_213062\_CRUD\_.Model;

namespace \_213062\_CRUD\_.Pages.Users

{

public class DetailsModel : PageModel

{

private readonly \_213062\_CRUD\_.Data.\_213062\_CRUD\_Context \_context;

public DetailsModel(\_213062\_CRUD\_.Data.\_213062\_CRUD\_Context context)

{

\_context = context;

}

public CRUD CRUD { get; set; } = default!;

public async Task<IActionResult> OnGetAsync(int? id)

{

if (id == null || \_context.CRUD == null)

{

return NotFound();

}

var crud = await \_context.CRUD.FirstOrDefaultAsync(m => m.Id == id);

if (crud == null)

{

return NotFound();

}

else

{

CRUD = crud;

}

return Page();

}

}

}

**Output:**







