Prn no.:= 230945920043

BOL

namespace BOL;

public class Employee

{

    public int Id{get;set;}

    public string Name{get;set;}

    public string Email{get;set;}

    public string Number{get;set;}

}

BLL

namespace BLL;

using BOL;

using DAL;

public class EmployeeService

{

    public List<Employee> GetAllEmployees()

    {

        List<Employee> lst=new List<Employee>();

        lst=DBManager.GetAllEmployees();

        return lst;

    }

    public int InsertEmployee(int id,string name,string email,string num)

    {

        return DBManager.InsertEmployee(id,name,email,num);

    }

}

DAL

namespace DAL;

using BOL;

using MySql.Data.MySqlClient;

public class DBManager

{

    public static string conString= "server=localhost;port=3306;user=root;password=welcome;database=ecommerce";

    public static List<Employee> GetAllEmployees()

    {

        List<Employee> ls=new List<Employee>();

         MySqlConnection con=new MySqlConnection();

        con.ConnectionString=conString;

        string query="Select \* from employees";

        try

        {

            con.Open();

            MySqlCommand cmd=new MySqlCommand(query,con);

            MySqlDataReader reader=cmd.ExecuteReader();

             while(reader.Read())

             {

                int id=int.Parse(reader["id"].ToString());

                string name=reader["name"].ToString();

                string email=reader["email"].ToString();

                string num=reader["number"].ToString();

                Employee obj=new Employee{

                    Id=id,

                    Name=name,

                    Email=email,

                    Number=num

                };

                ls.Add(obj);

             }

             reader.Close();

        }

        catch (Exception e)

        {

            Console.WriteLine(e.Message);

        }

        finally

        {

            con.Close();

        }

        return ls;

    }

    public static int InsertEmployee(int id,string name,string email,string num)

    {

        int n=0;

         MySqlConnection con=new MySqlConnection();

        con.ConnectionString=conString;

        string query="insert into employees values(@id.@name,@email,@num)";

        try

        {

            con.Open();

            MySqlCommand cmd=new MySqlCommand(query,con);

            cmd.Parameters.AddWithValue("@id",id);

            cmd.Parameters.AddWithValue("@name",name);

            cmd.Parameters.AddWithValue("@email",email);

            cmd.Parameters.AddWithValue("@num",num);

            n=cmd.ExecuteNonQuery();

        }

        catch (Exception e)

        {

            Console.WriteLine(e.Message);

        }

        finally

        {

            con.Close();

        }

        return n;

    }

}

Controller:

Employee

using System.Diagnostics;

using Microsoft.AspNetCore.Mvc;

using HR\_Management.Models;

using System.Collections.Generic;

using BOL;

using BLL;

namespace HR\_Management.Controllers;

public class EmployeeController : Controller

{

    private readonly ILogger<EmployeeController> \_logger;

    public EmployeeController(ILogger<EmployeeController> logger)

    {

        \_logger = logger;

    }

    public IActionResult Details()

    {

        List<Employee> lst=new List<Employee>();

        EmployeeService es=new EmployeeService();

        lst=es.GetAllEmployees();

        return View(lst);

    }

    public IActionResult Insert(int id,string name,string email,string num)

    {

        Console.WriteLine("ins= ",id,name,email);

        EmployeeService e=new EmployeeService();

        int n=e.InsertEmployee(id,name,email,num);

        if(n>0){

*this*.RedirectToAction("Details");

        }

        return View();

    }

    public IActionResult Edit(int id)

    {

        return View();

    }

    public IActionResult Delete(int id)

    {

        Console.WriteLine("del= ",id);

        return *this*.RedirectToAction("Details");

    }

    [ResponseCache(Duration = 0, Location = ResponseCacheLocation.None, NoStore = true)]

    public IActionResult Error()

    {

        return View(new ErrorViewModel { RequestId = Activity.Current?.Id ?? HttpContext.TraceIdentifier });

    }

}

Home

using System.Diagnostics;

using Microsoft.AspNetCore.Mvc;

using HR\_Management.Models;

namespace HR\_Management.Controllers;

public class HomeController : Controller

{

    private readonly ILogger<HomeController> \_logger;

    public HomeController(ILogger<HomeController> logger)

    {

        \_logger = logger;

    }

    public IActionResult Index()

    {

        return View();

    }

    [ResponseCache(Duration = 0, Location = ResponseCacheLocation.None, NoStore = true)]

    public IActionResult Error()

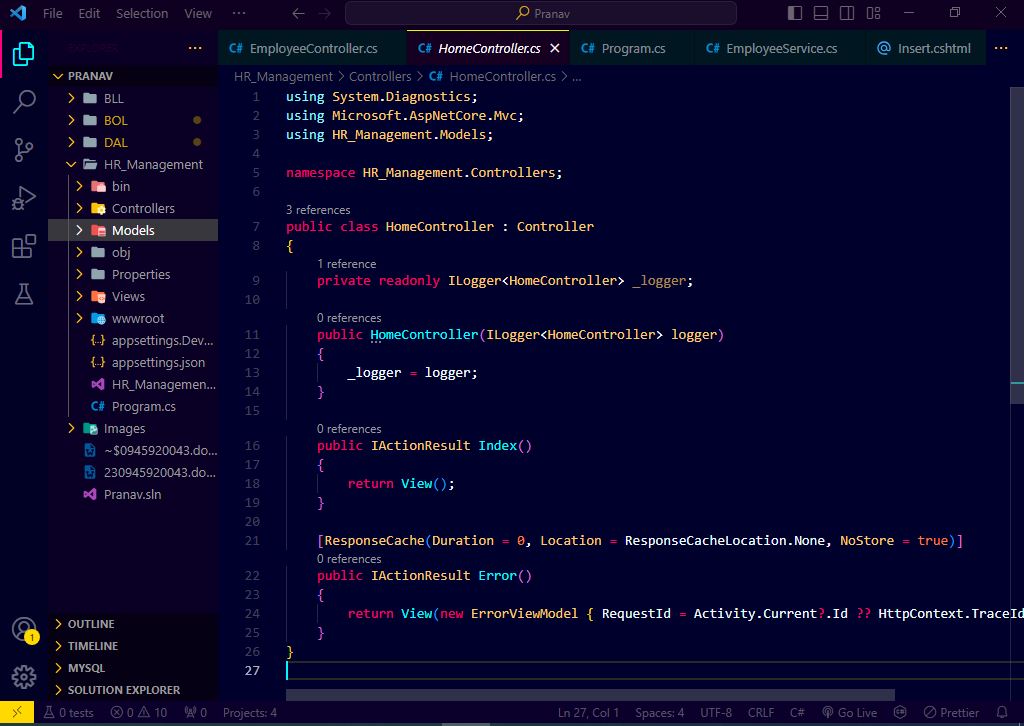
    {

        return View(new ErrorViewModel { RequestId = Activity.Current?.Id ?? HttpContext.TraceIdentifier });

    }

}

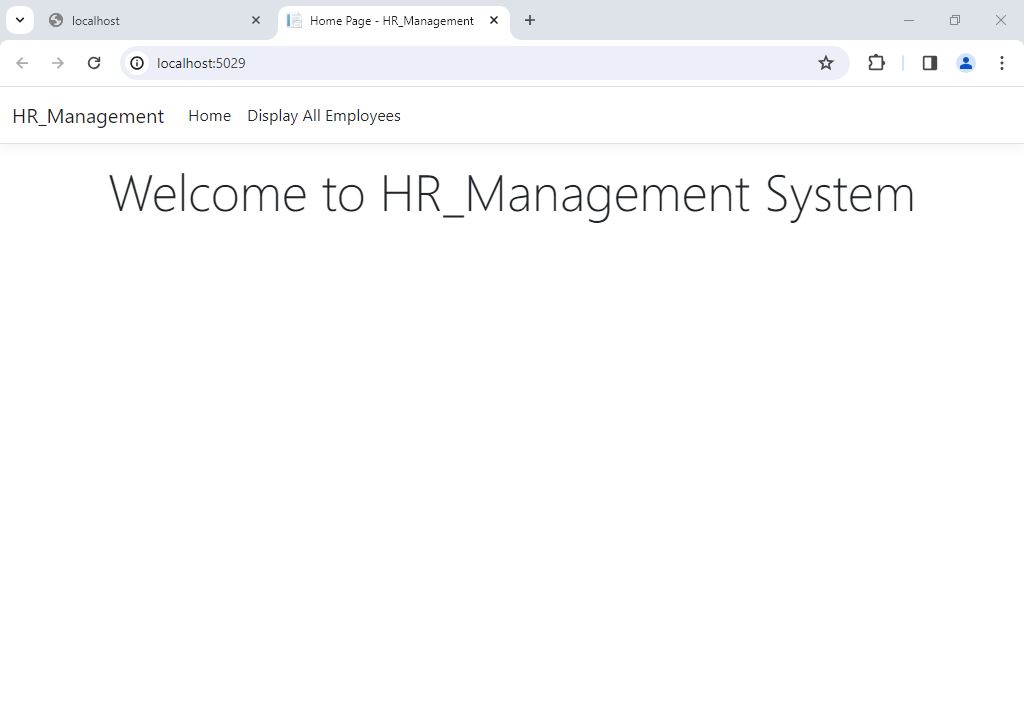
Folder Structure



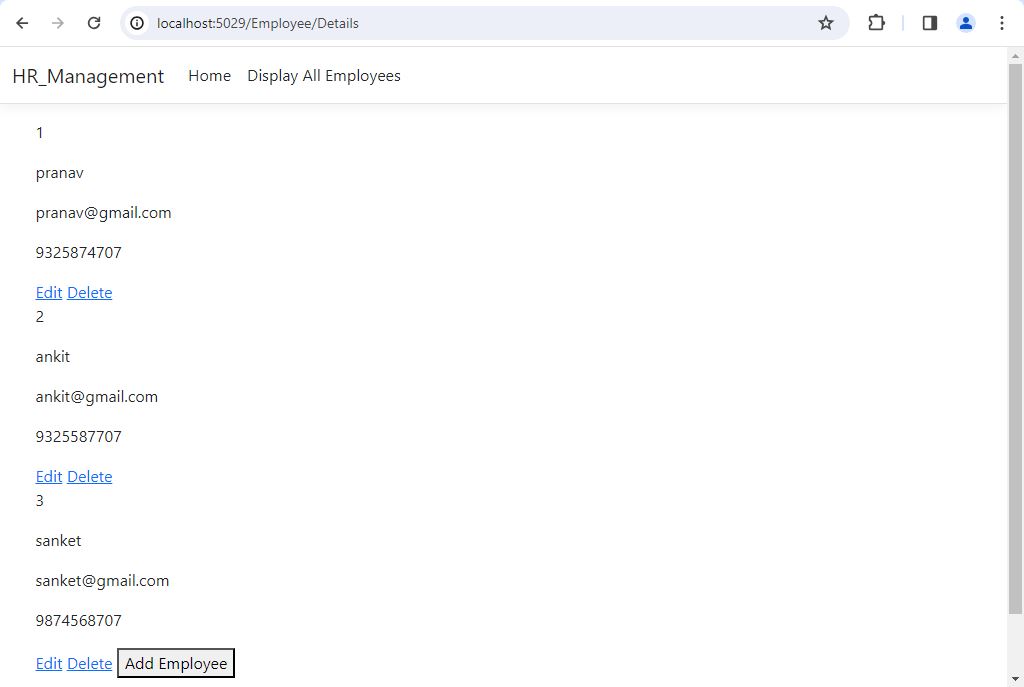
SQL



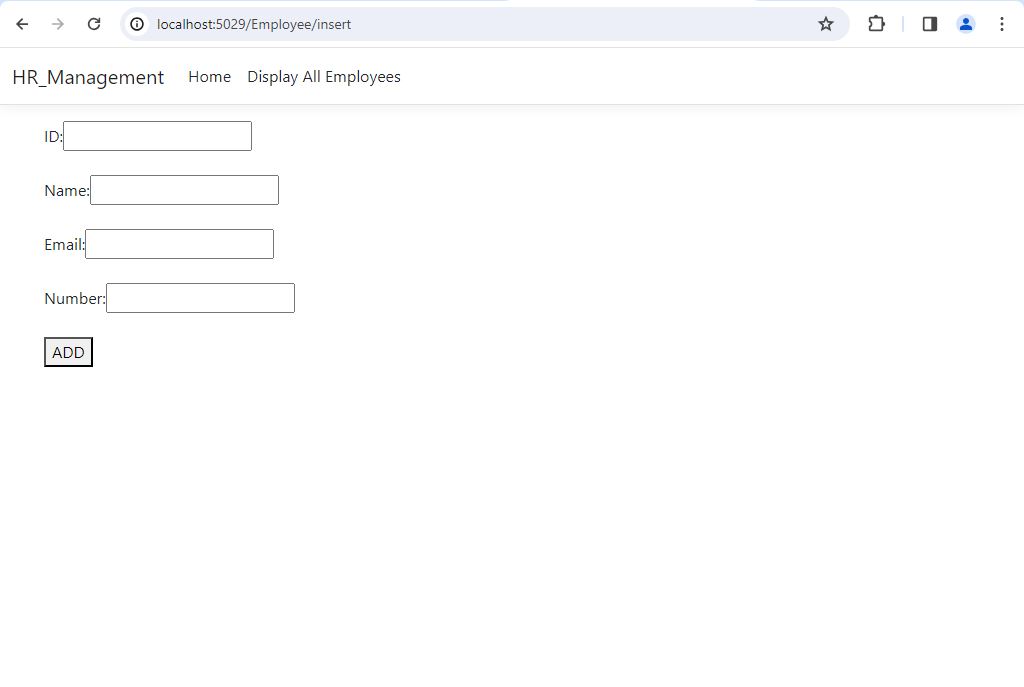
Home Page



Display All



Add Employee



Udate Employee

