# Employee Management

Name : Muhammed Tallat

# Technologies to Use

- Frontend: ASP.NET Core MVC
- Database: SQL Server
- Language: C#
- Backend: ASP.NET Core API

# Implementation phases

- Sql

    1. Cerate DB Name EmployeeManagementDB

```
CREATE DATABASE EmployeeManagementDB;

Commands completed successfully.

Completion time: 2024-04-26T19:35:15.4602664+03:00
```

# Implementation phases

- Sql

## 2. Cerate Table Employees

```sql
CREATE TABLE Employees (
    EmployeeId INT PRIMARY KEY IDENTITY,
    Name NVARCHAR(100) NOT NULL,
    JobRole NVARCHAR(50) NOT NULL,
    Gender NVARCHAR(10) NOT NULL,
    FirstAppointment BIT NOT NULL,
    StartDate DATE NOT NULL,
    Notes NVARCHAR(MAX)
);
select * from [dbo].[Employees]

INSERT INTO Employees (Name, JobRole, Gender, FirstAppointment, StartDate, Notes)
VALUES ('Muhammed Tallat', 'Manager', 'Male', 1, '2024-04-27', 'Some notes about Muhammed Tallat');

select * from [dbo].[Employees]
```

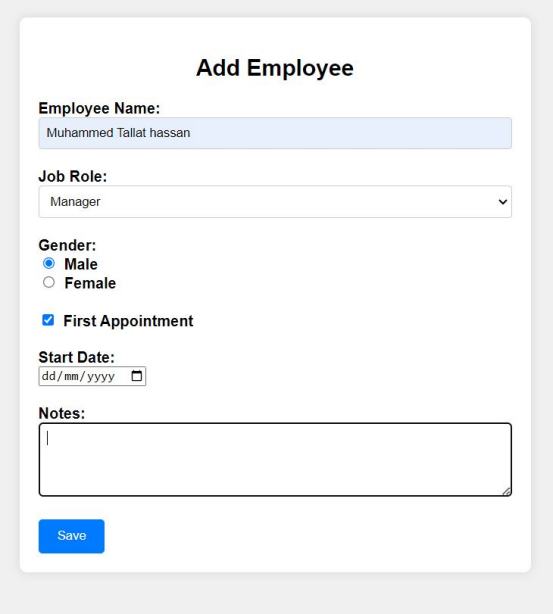
Results | Messages

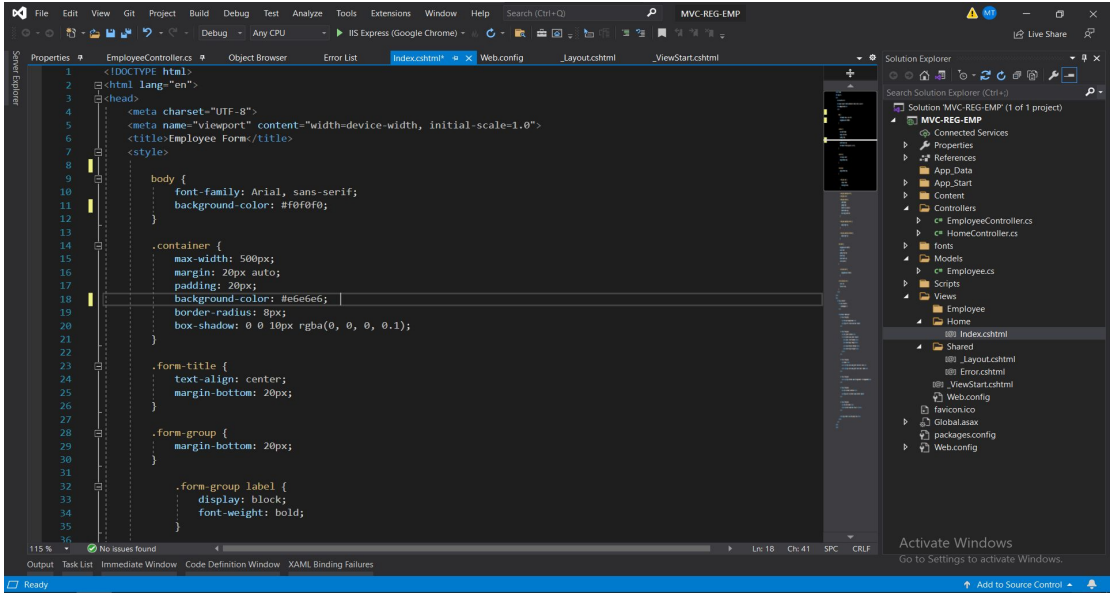
| EmployeeId | Name | JobRole | Gender | FirstAppointment | StartDate | Notes |
|---|---|---|---|---|---|---|
| 1 | Muhammed Tallat | Manager | Male | 1 | 2024-04-27 | Some notes about Muhammed Tallat |

# Implementation phases

- Form Fields

## Sample of Code form



# Implementation phases

- Mvc

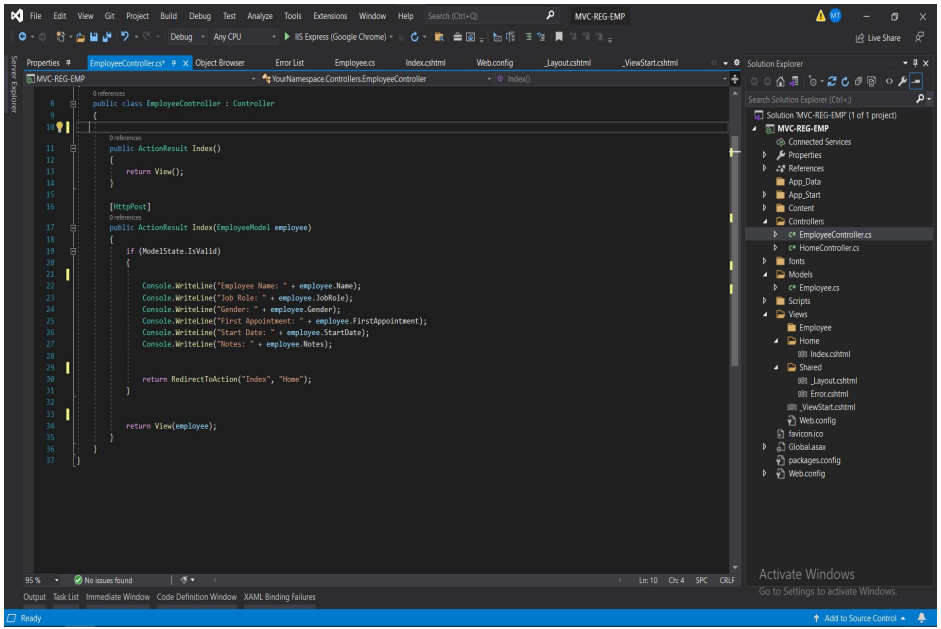
## Models code

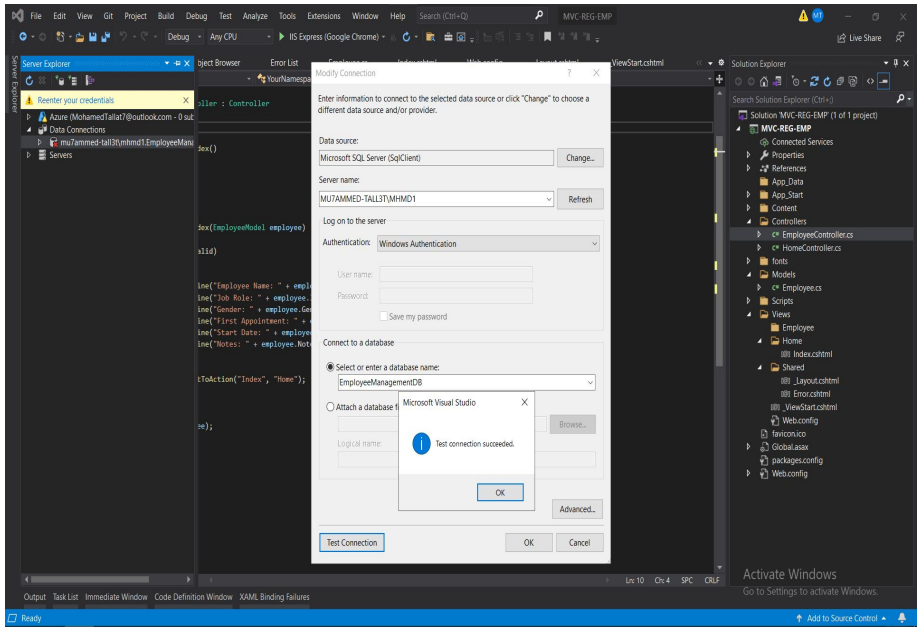
```
namespace YourNamespace.Models
{
    1 reference
    public class EmployeeModel
    {
        [Required(ErrorMessage = "Enter Employee Name !")]
        [Display(Name = "Employee Name ")]
        [StringLength(maximumLength: 15, MinimumLength = 5, ErrorMessage = "Employee Name Must Be Max 15 & Min 5")]
        1 reference
        public string Name { get; set; }


        [Required(ErrorMessage = "Select JobRole Name !")]
        [Display(Name = "JobRole Name ")]
        1 reference
        public string JobRole { get; set; }



        [Required(ErrorMessage = "Select The Gender !")]
        [Display(Name = "Gender ")]
        1 reference
        public string Gender { get; set; }


        [Required(ErrorMessage = "Select The FirstAppointment ")]
        [Display(Name = "First Appointment")]
        1 reference
        public bool FirstAppointment { get; set; }

        [Required(ErrorMessage = "Start date is required")]
        [Display(Name = "Start Date")]
        1 reference
        public DateTime StartDate { get; set; }
        [Required(ErrorMessage = "Enter The Notes!")]
        [Display(Name = "Notes")]
        [StringLength(15, MinimumLength = 5, ErrorMessage = "The Notes must be between Max 100 and min 15 characters")]
        1 reference
        public string Notes { get; set; }
    }
}
```

# Implementation phases

- Mvc

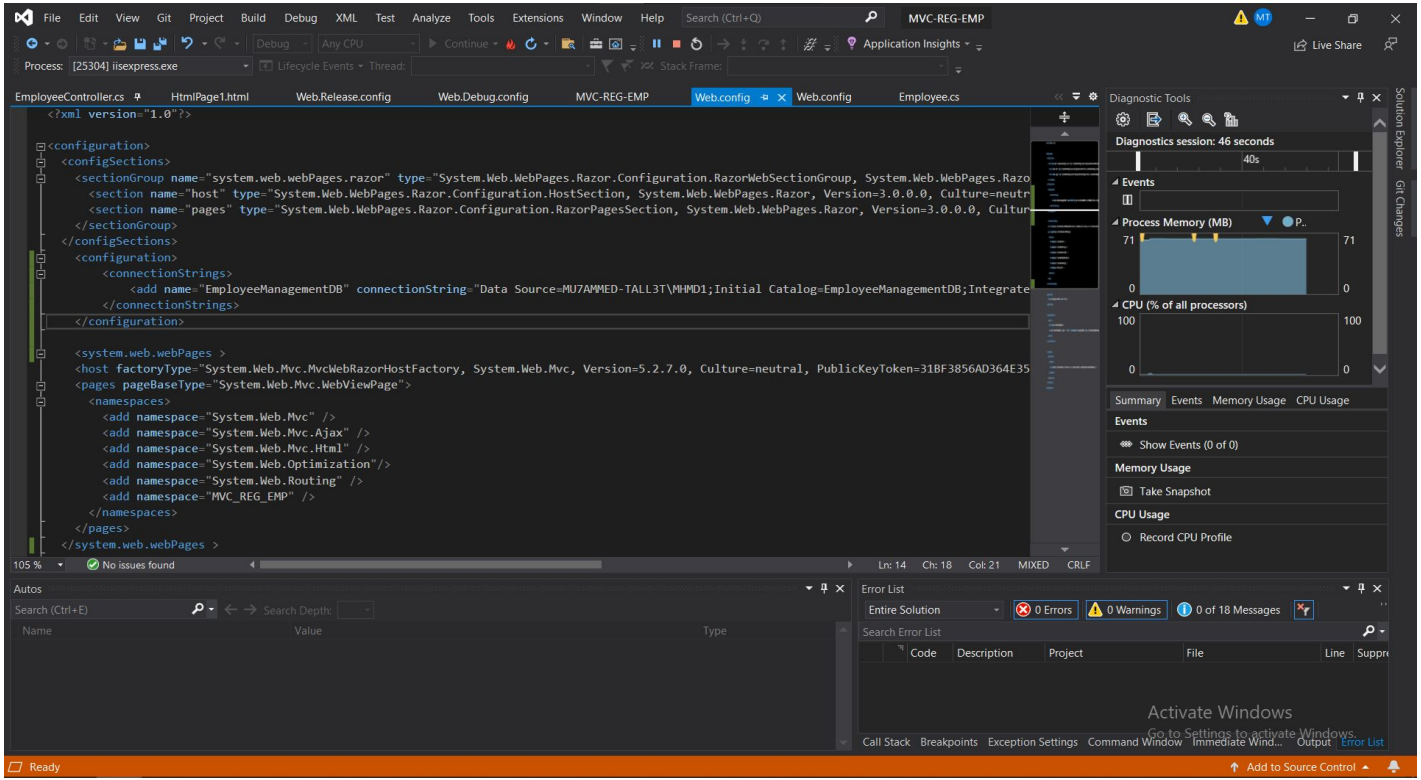
Controller code & connect for DB



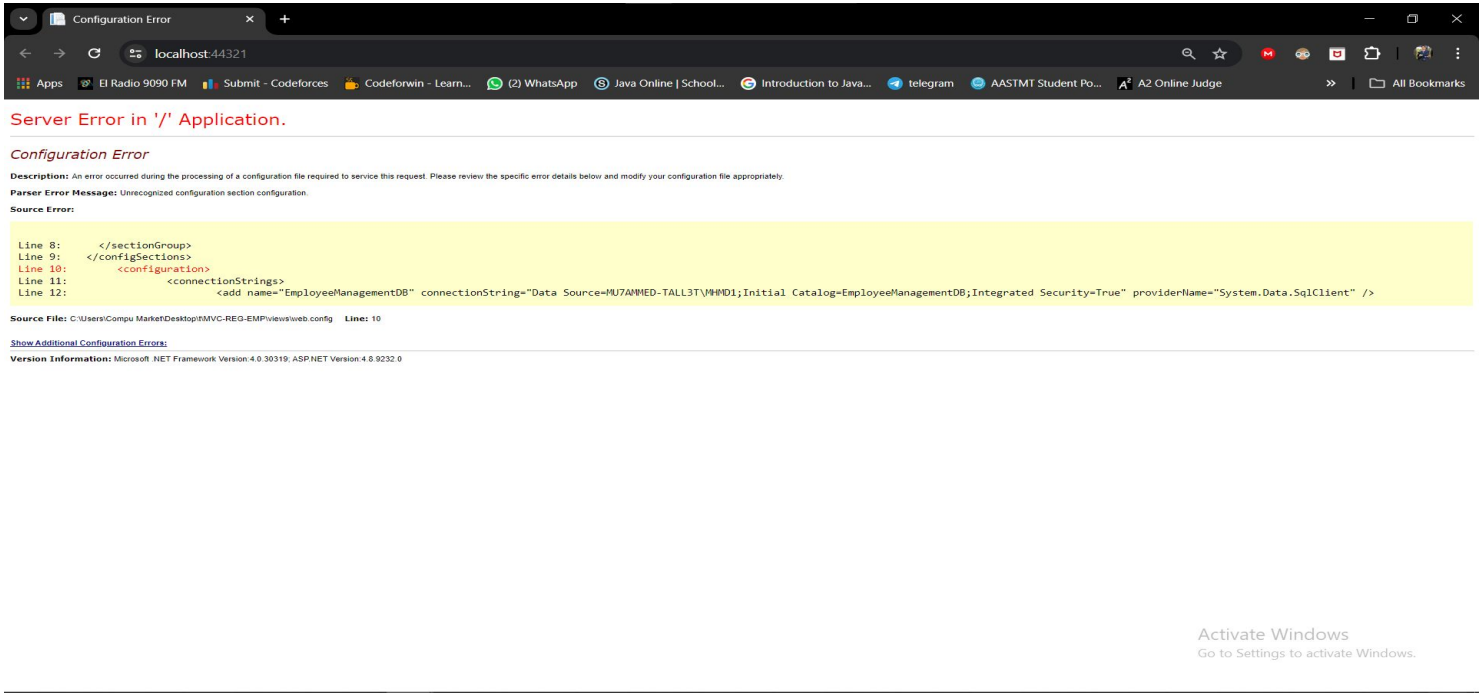
# Implementation phases

- I tried Conncet DB



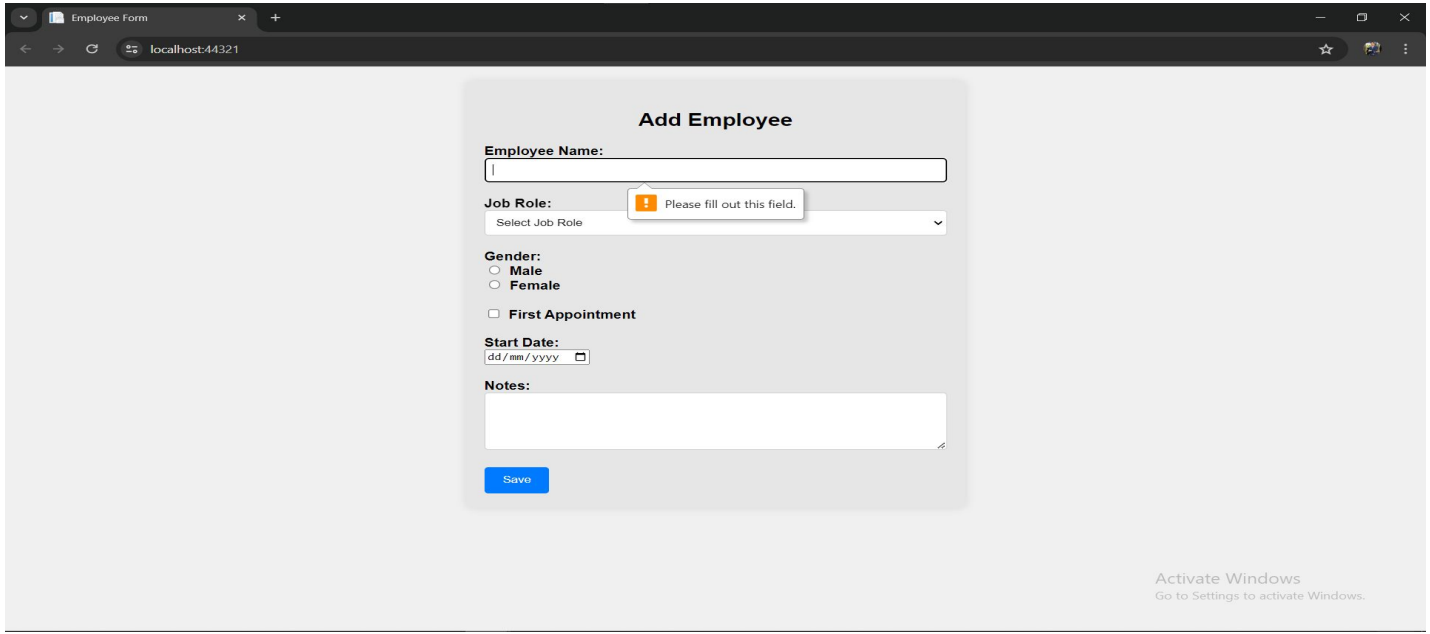
# Implementation phases

- but it gives me an error



# Implementation phases

When Remove Conncetion code work but not connect .

- file config depind on => system.web.webPages.razor

I don't used this extinction before