Forms Authentication Demo Steps

Step 1: create a database (MVC\_DB)

Create tables such as Users,Employee, RoleMaster, UserRoleMapping

CREATE TABLE [dbo].[Employee](

[ID] [int] IDENTITY(1,1) NOT NULL,

[Name] [varchar](50) NULL,

[Designation] [varchar](50) NULL,

[Salary] [int] NULL,

PRIMARY KEY CLUSTERED

(

[ID] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

USE [MVC\_DB]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Users] Script Date: 06-04-2022 11:29:33 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Users](

[ID] [int] IDENTITY(1,1) NOT NULL,

[UserName] [varchar](50) NULL,

[UserPassword] [varchar](50) NULL,

PRIMARY KEY CLUSTERED

(

[ID] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

USE [MVC\_DB]

GO

/\*\*\*\*\*\* Object: Table [dbo].[RoleMaster] Script Date: 06-04-2022 11:30:00 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[RoleMaster](

[ID] [int] IDENTITY(1,1) NOT NULL,

[RollName] [varchar](50) NULL,

PRIMARY KEY CLUSTERED

(

[ID] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

USE [MVC\_DB]

GO

/\*\*\*\*\*\* Object: Table [dbo].[UserRolesMapping] Script Date: 06-04-2022 12:23:45 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[UserRolesMapping](

[ID] [int] NOT NULL,

[UserID] [int] NOT NULL,

[RoleID] [int] NOT NULL,

PRIMARY KEY CLUSTERED

(

[ID] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

ALTER TABLE [dbo].[UserRolesMapping] WITH CHECK ADD FOREIGN KEY([RoleID])

REFERENCES [dbo].[RoleMaster] ([ID])

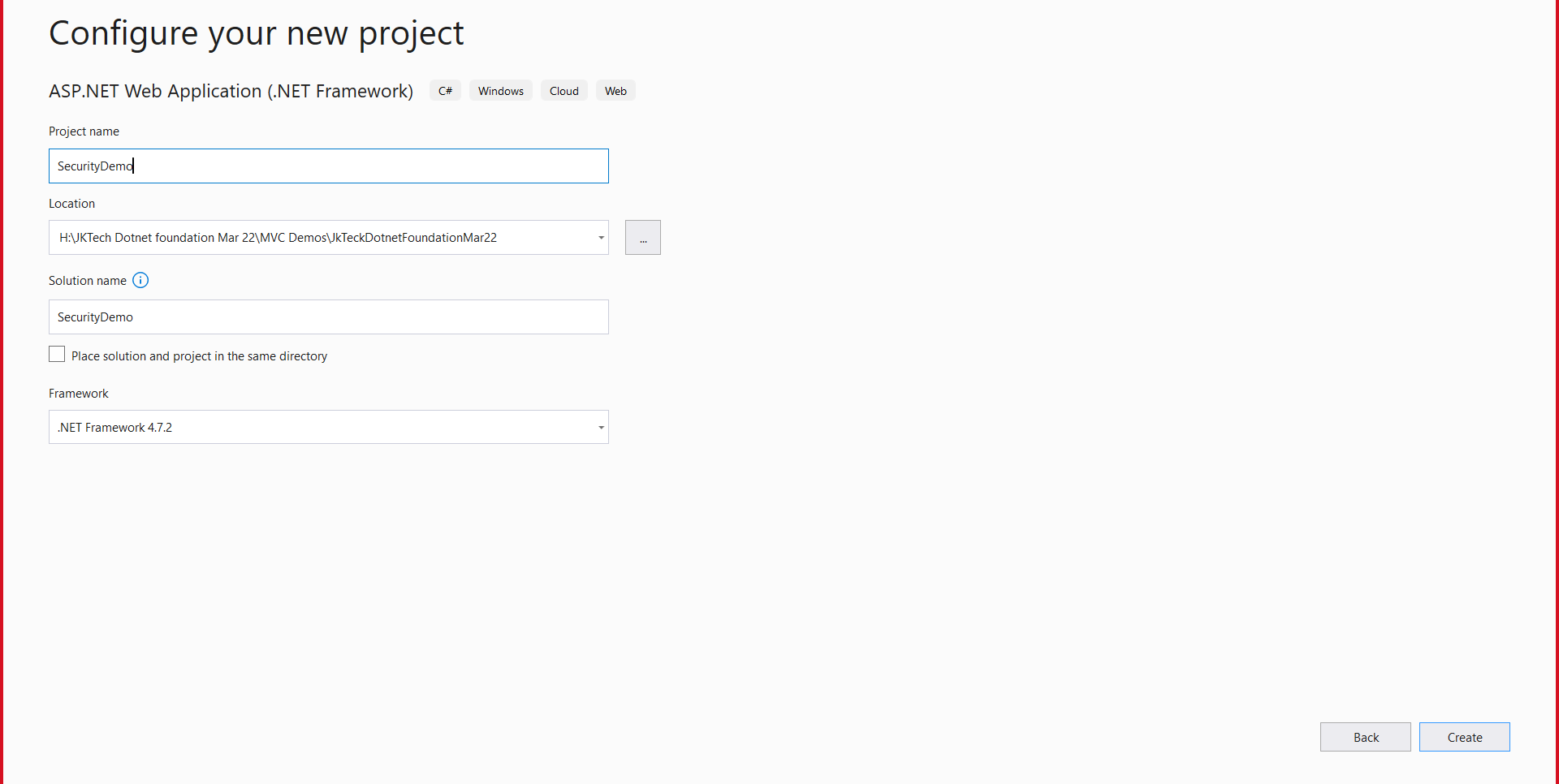
GO

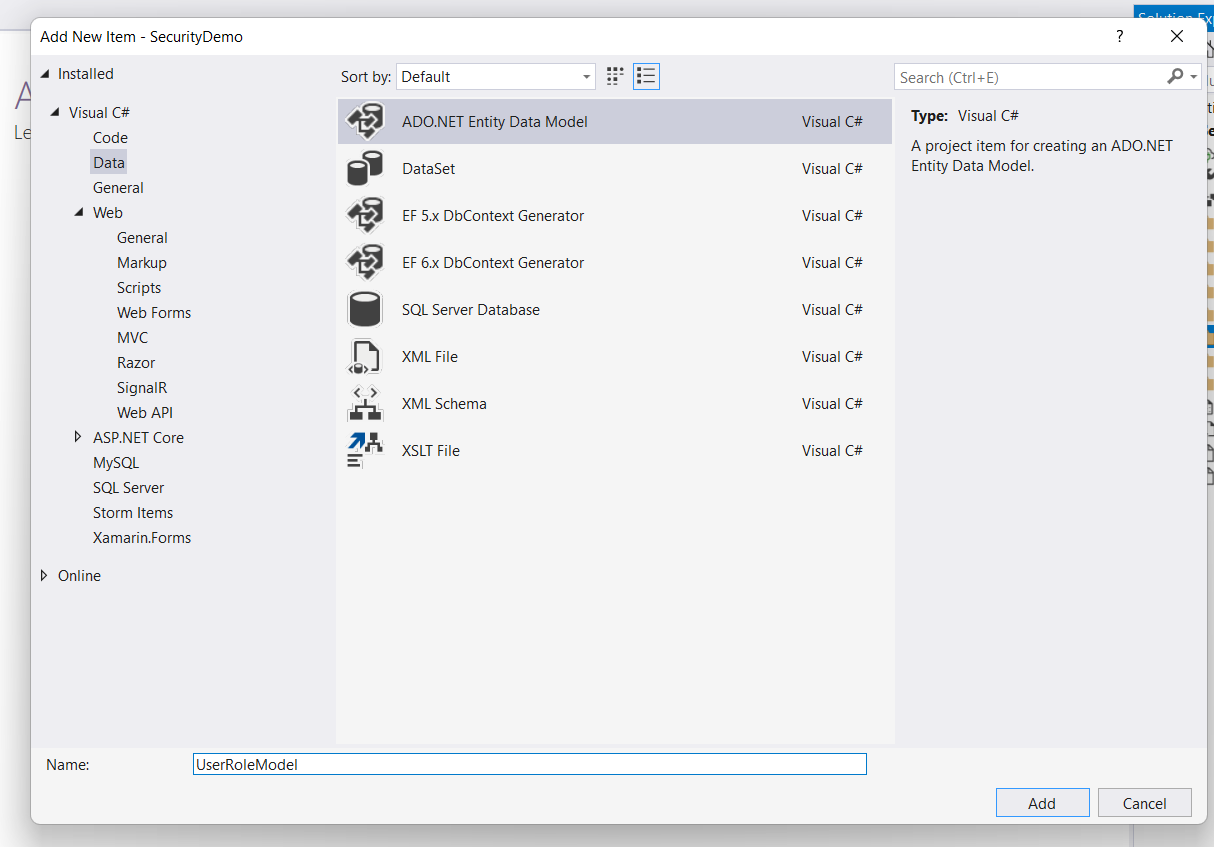
ALTER TABLE [dbo].[UserRolesMapping] WITH CHECK ADD FOREIGN KEY([UserID])

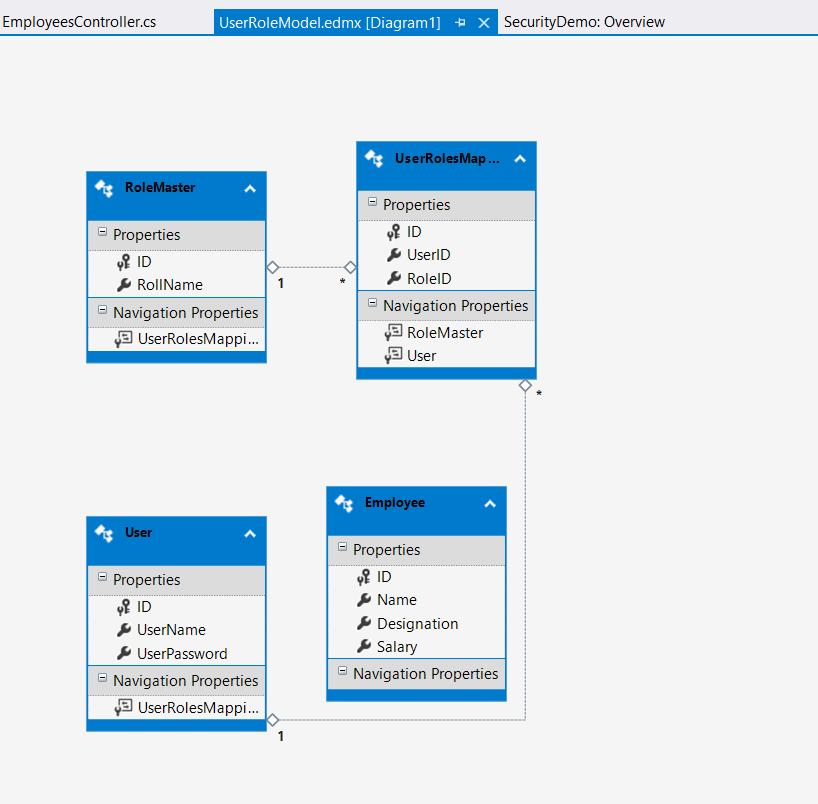
REFERENCES [dbo].[Users] ([ID])

GO

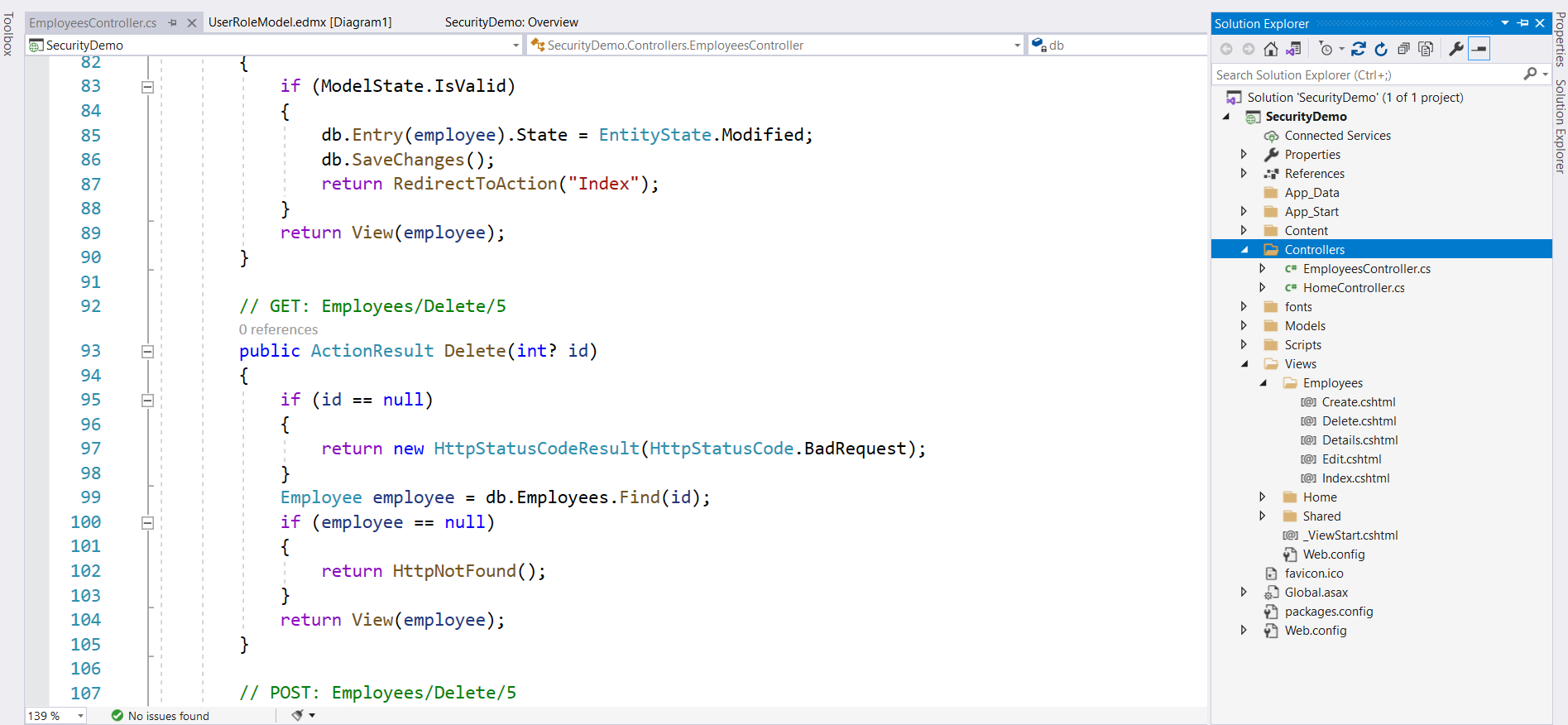
Create Asp.Net MVc Project



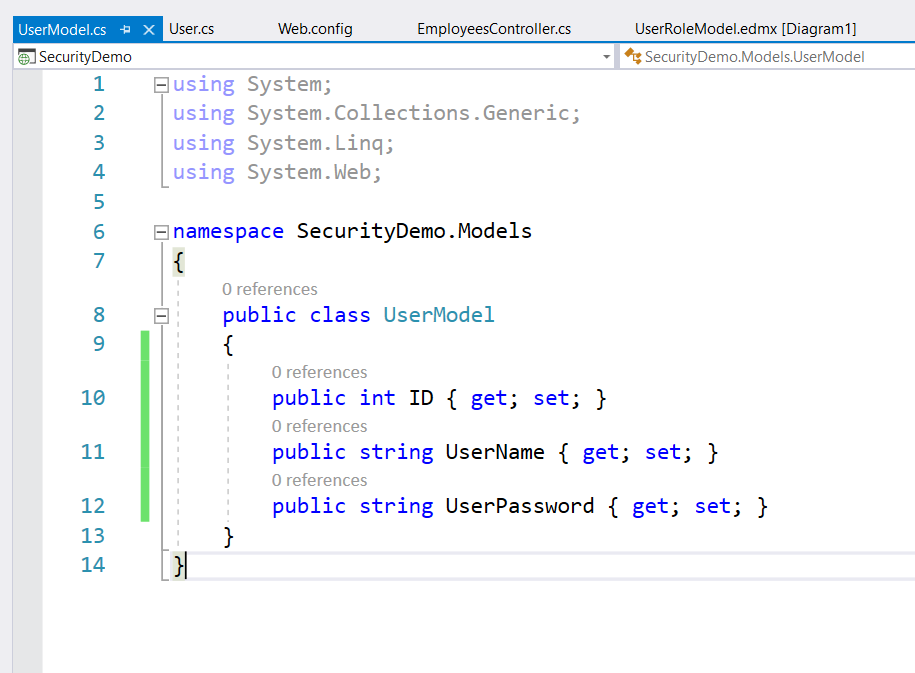




Add controller using EF for Employee class.

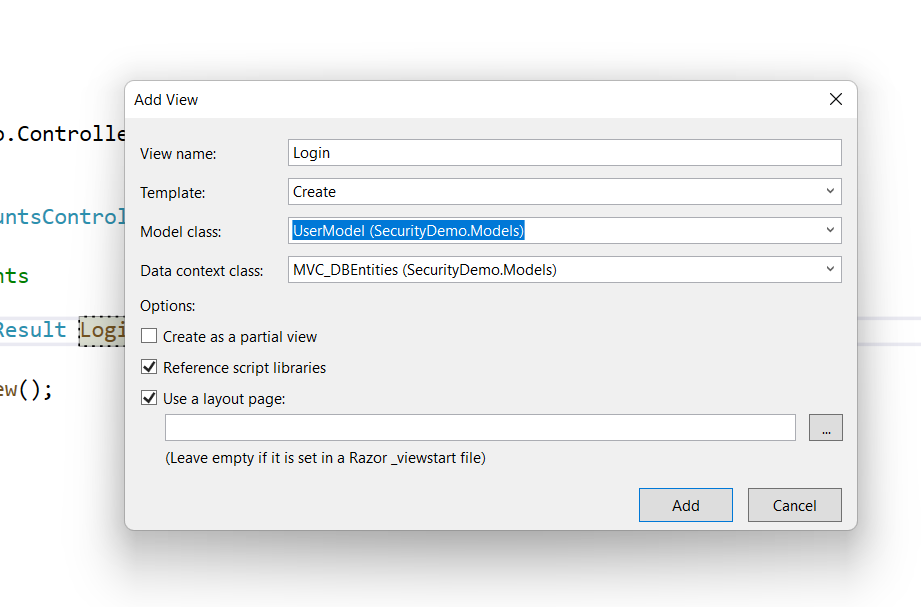


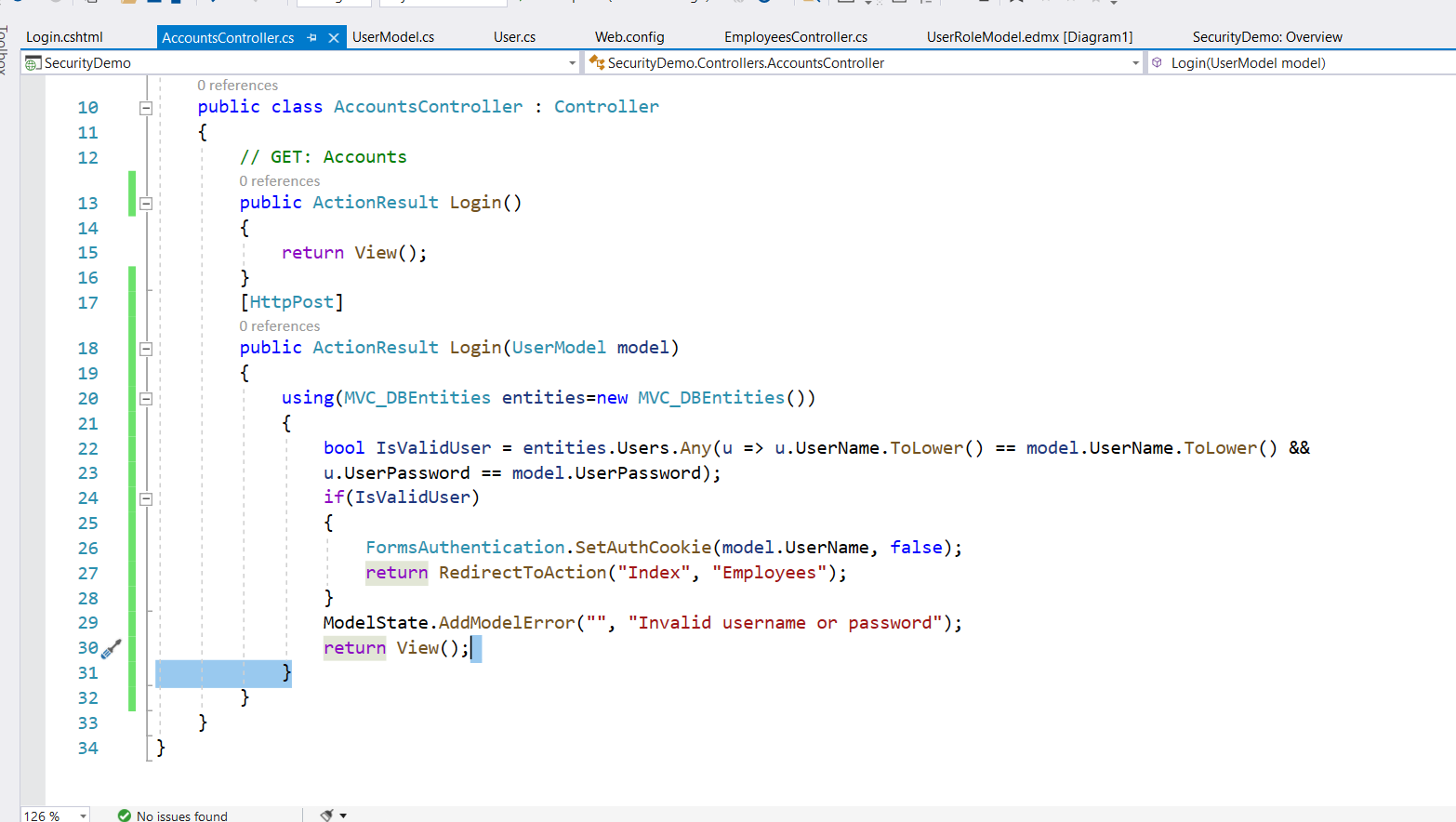
Right click on Models folder 🡺 add New Class (UserModel)



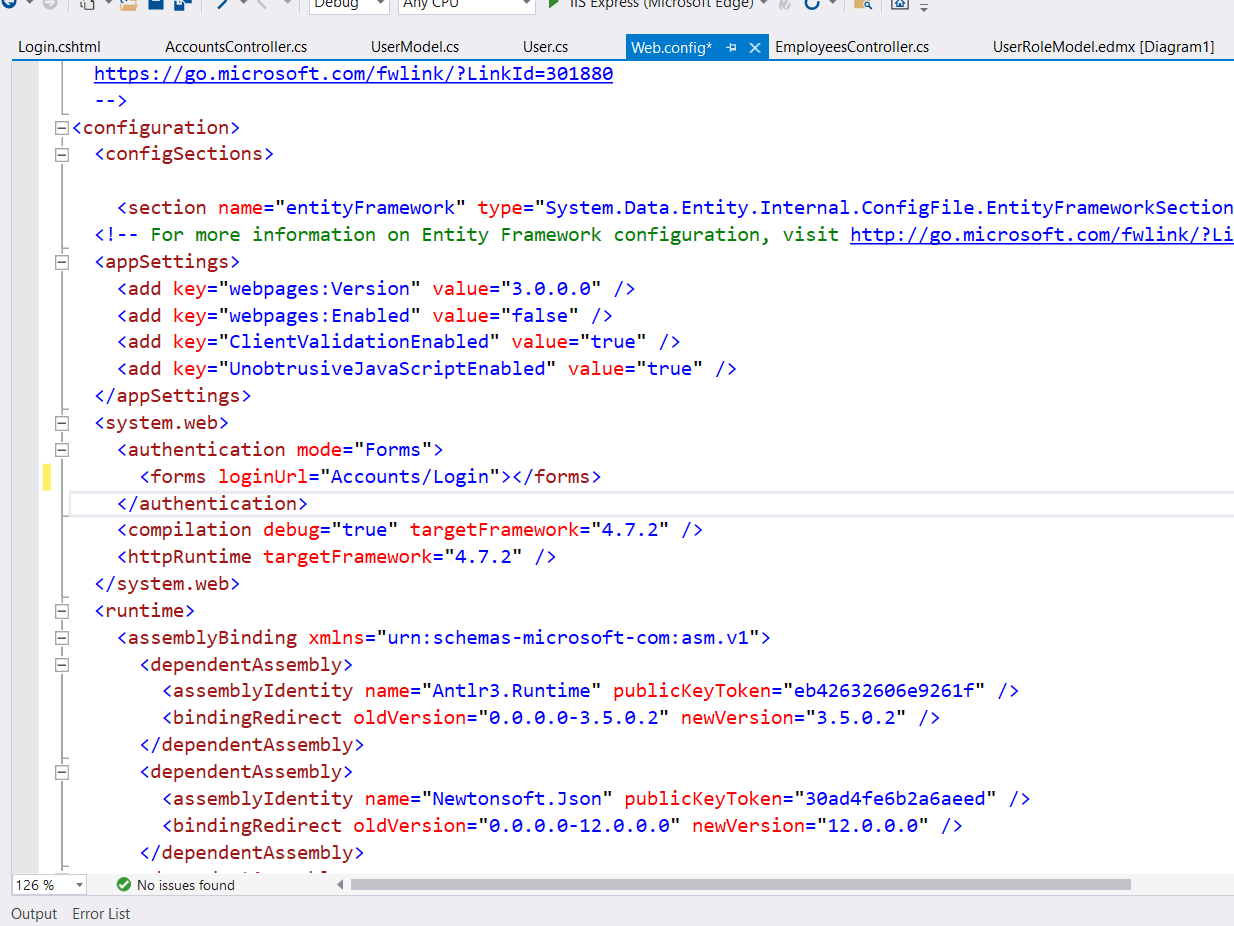
Right Click on Controllers🡺 Add New Controller (Empty) 🡺 AccountsController

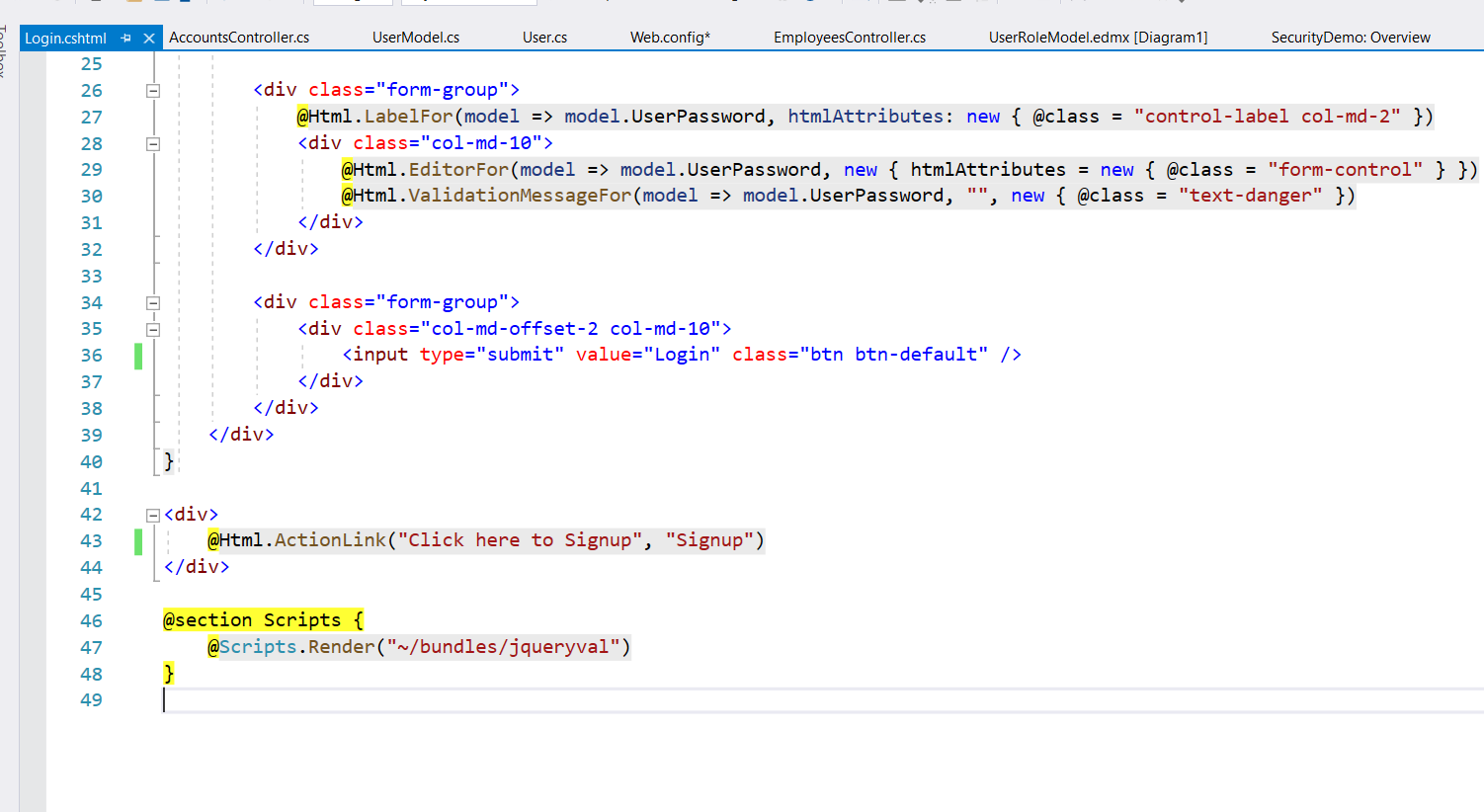
Rename Index action Method to Login🡺 add view





Goto web.config file

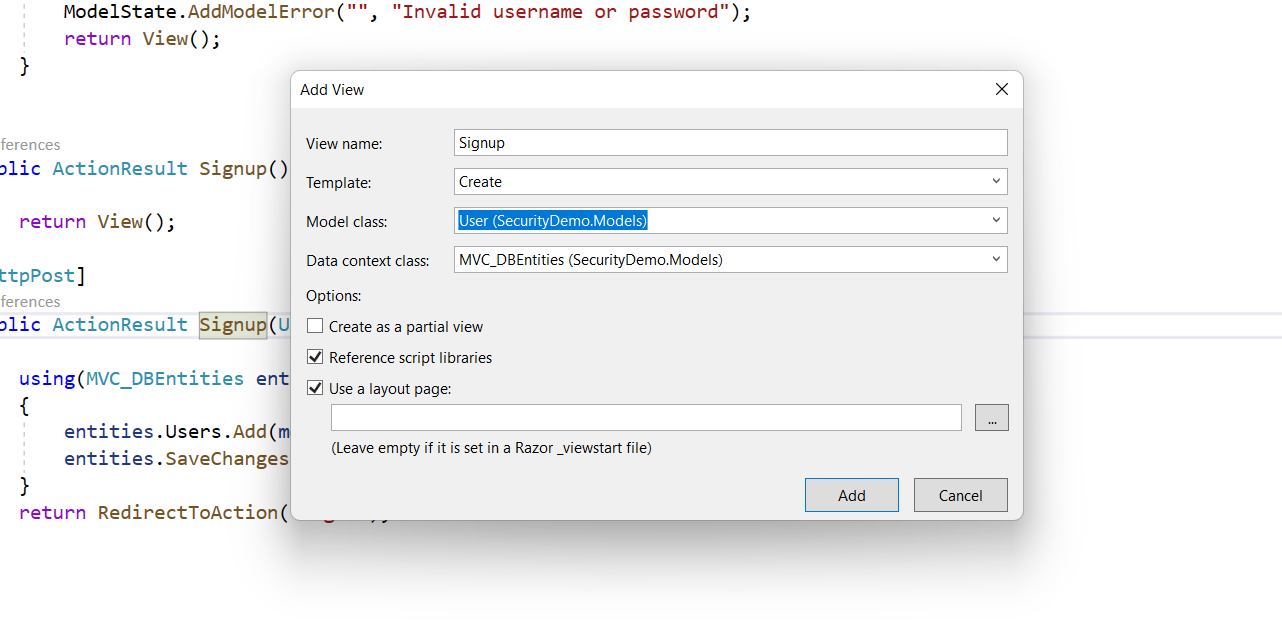


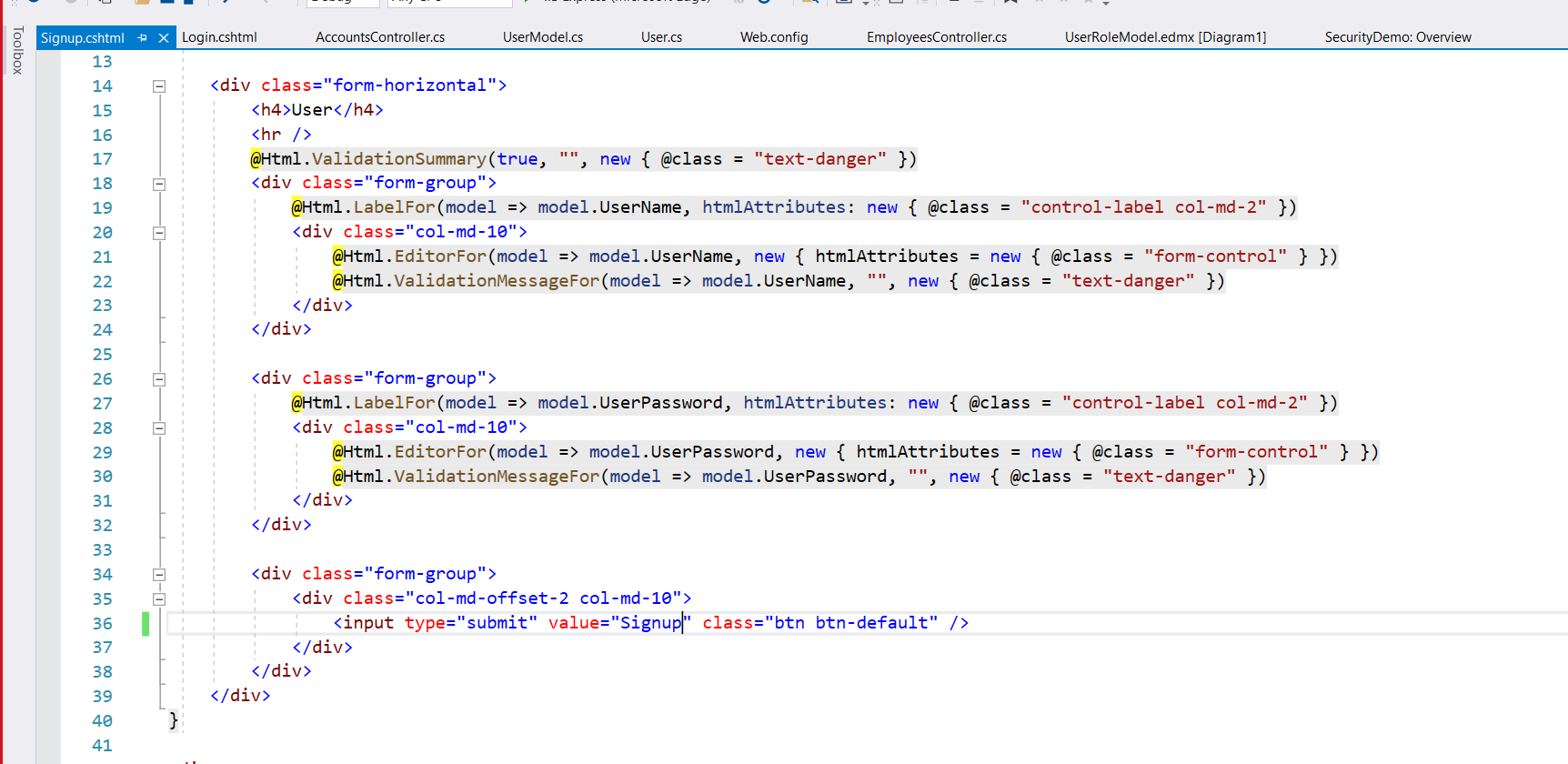


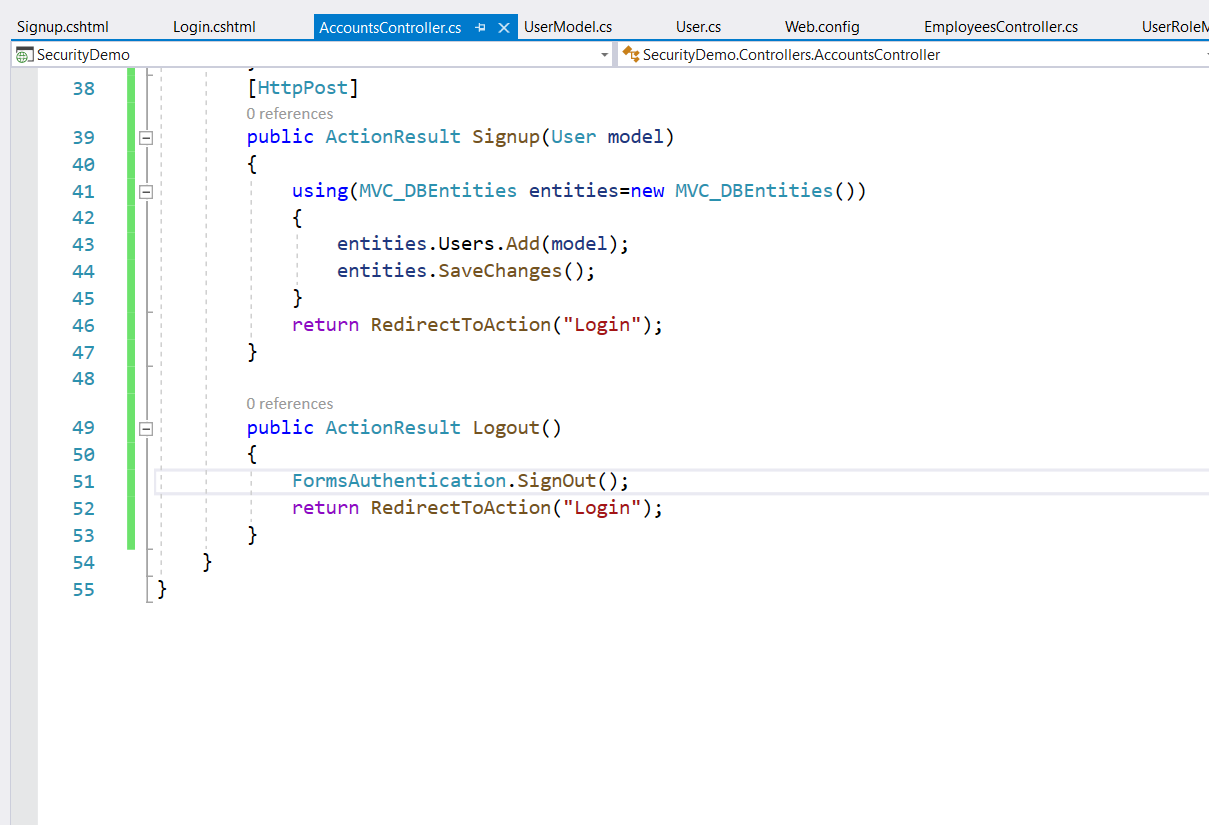
Goto Accounts Controller 🡺 implement Signup



Add View for Signup 🡺







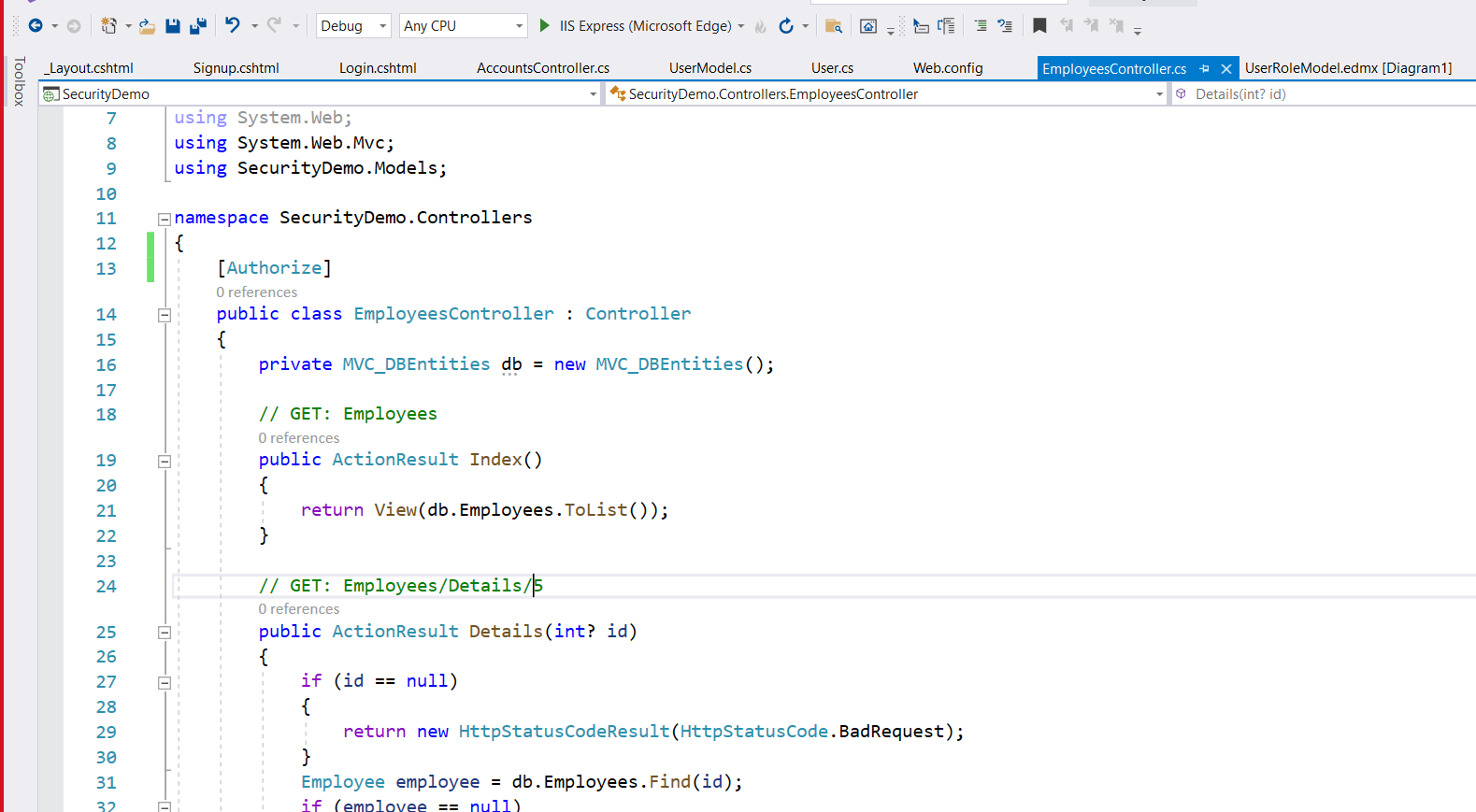
Goto views🡺Shared🡺 layout.cshtml



Run the application.

Application is redirecting all views of Employee controller. But it should not visible without login (or) invalid users.

Goto Employees controller add Authorize Attribute



Run the Application .It will work as we expect.