**Employee Module:**

**Employee Data Access Layer:**

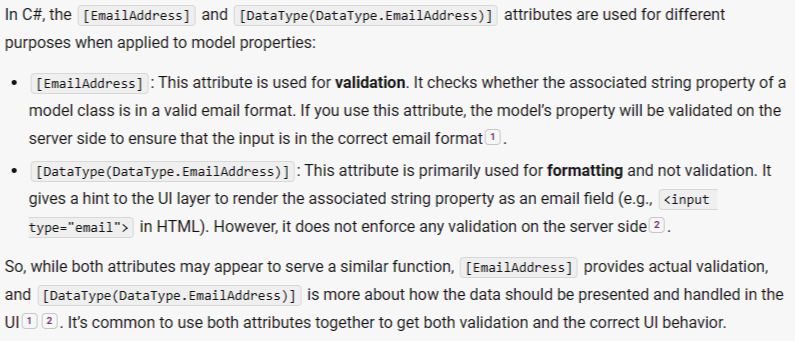
As we are working 3-layer architecture we start with the DAL layer

Adding new Model Employee in the Models folder

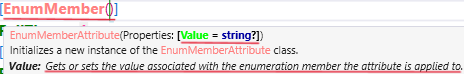
Make the Entity[class] Public as we need to access it from other layers

Any validation attribute we use to be mapped in SQL Server Service we won’t use it, instead we ‘ll write it as Fluent API in the Configuration Class

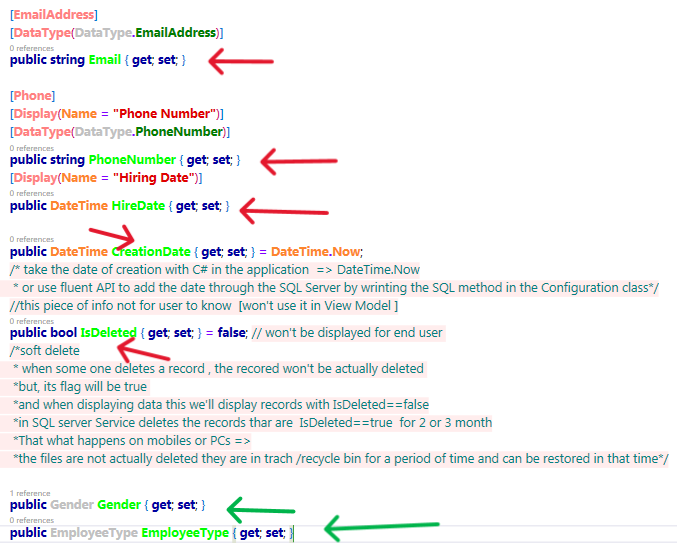
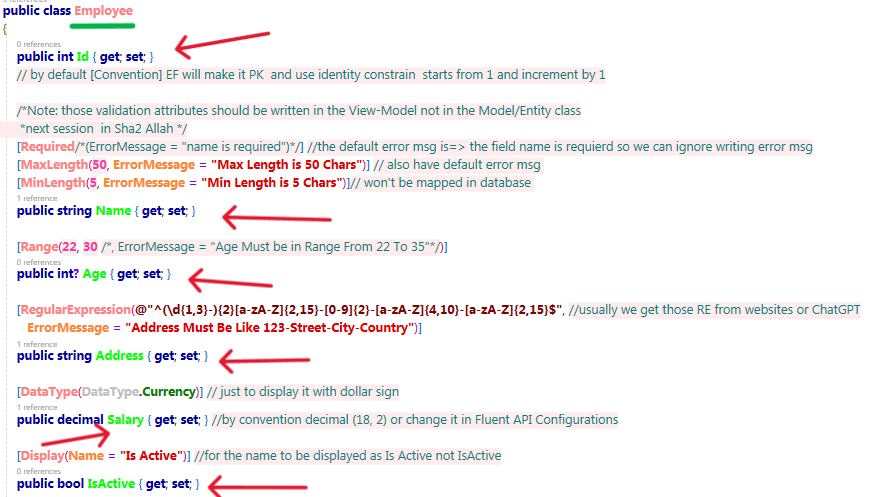
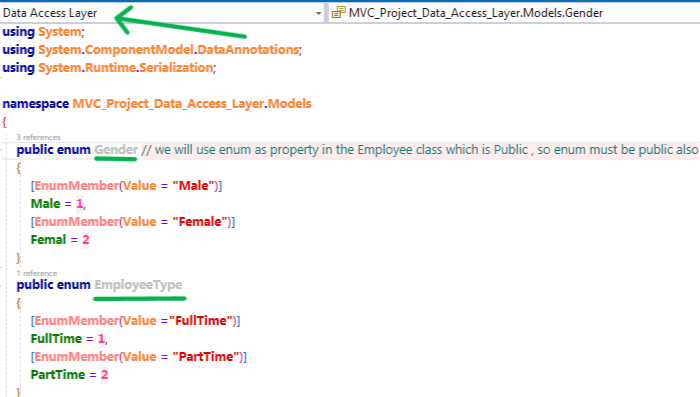
And the validation attributes we use for application as client side and server side will be written in the View-Model



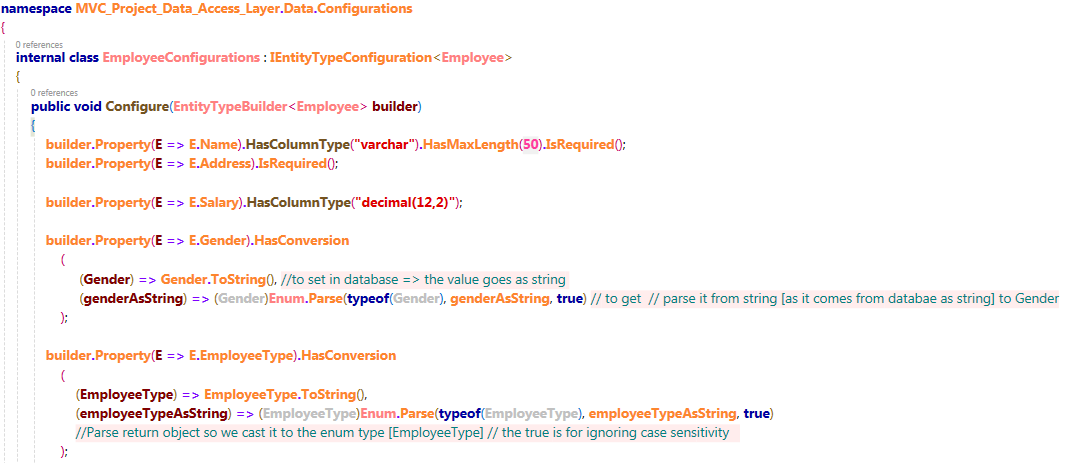
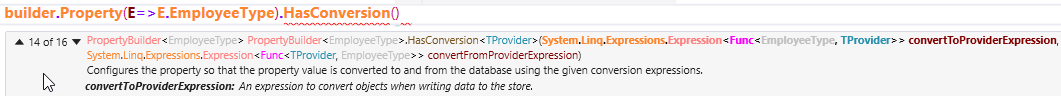
If we make input for enum property and we didn’t specify the type of the input … what’ll be its default type? 🡺 It will be text from type int (input will take 1, 2…) [remember that the enum is numeric value inherits from int] as if we re-represented those numeric values and gave them names[label], we need to store the label[string] values in the database not the numeric values 🡺 use the and handle it in the fluent APIs configurations



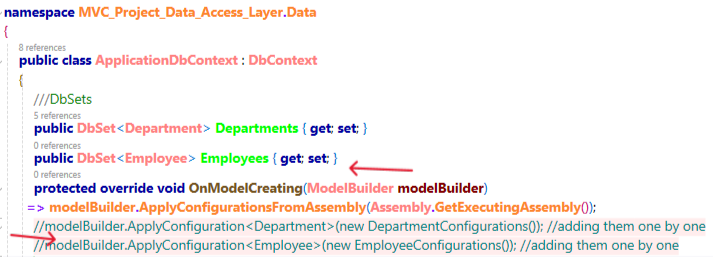
Employee Model 🡺



In the Configurations folder create EmployeeConfigurations implements IEntityTypeConfiguration interface



Go to our DbContext Class and add a dataset for the Employee and add the configuration in the OnModelCreating method for EmployeeConfigurations class if you are not using the method that add all classes that implements the IEntityTypeConfiguration



Remember: make sure the MVC project [presentation layer] is the startup project that has the appsetting

When adding migration and updating database use the default project 🡺 data access layer not the startup project



Now add migration then make sure that all information in the up method that will be mapped in database are okay then update database

**Employee Business Logic Layer:**