## Model View Presenter - An Example Implementation With WinForms Creating Services (Notes For Video #4)

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Release #2

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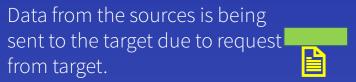
## The Services Layer In Model View Presenter Design

#### Areas Covered In This Video

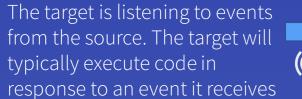
- Create Service Layer class library in Visual Studio 2017.
- Create Service Layer folder structure.
- Create Service Layer interface files.

#### Legend:

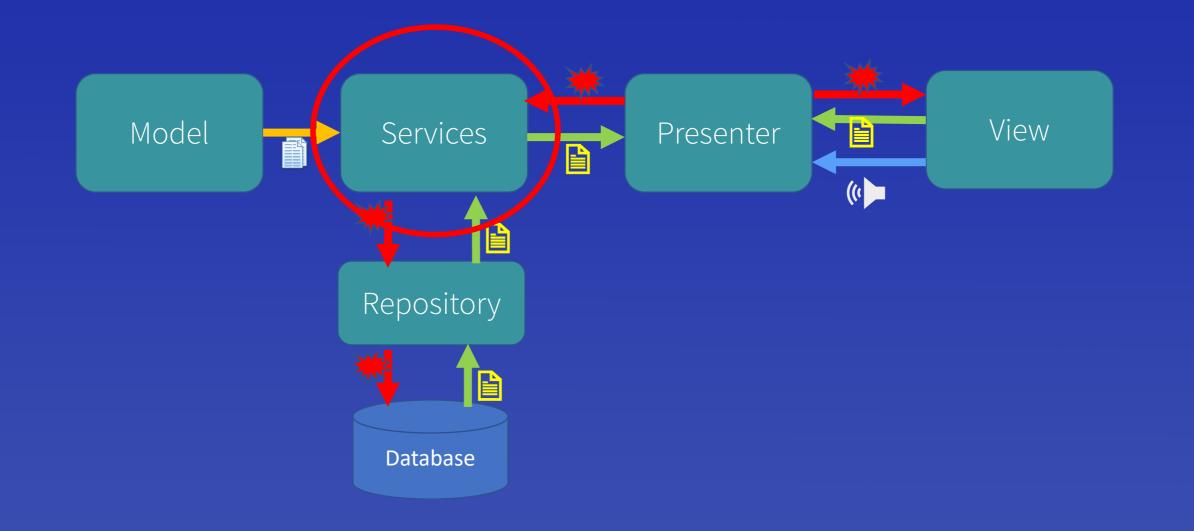
Indicates the source is executing methods defined in the target.



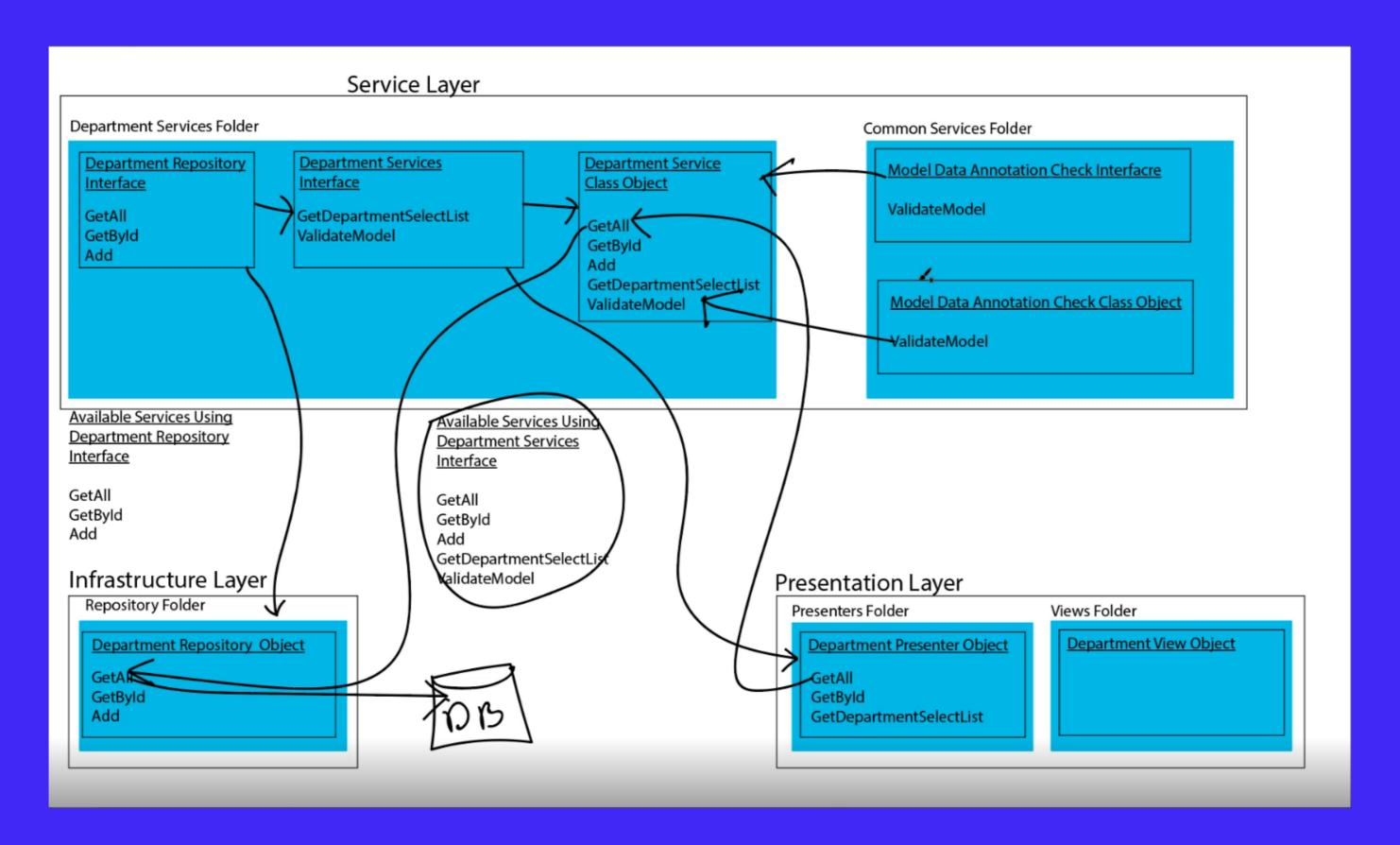
The target is creating instances of the source but is not executing anything in the source



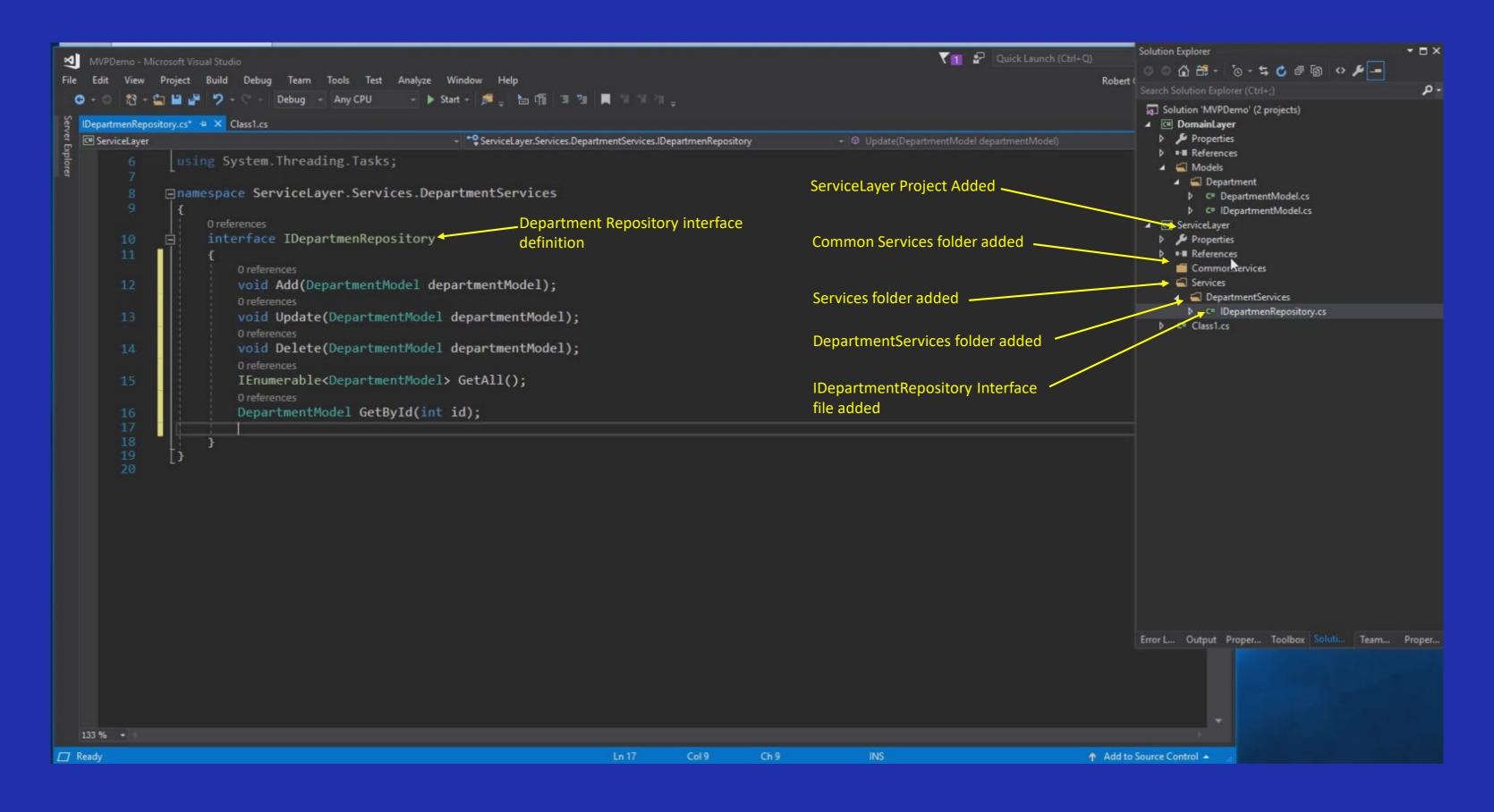




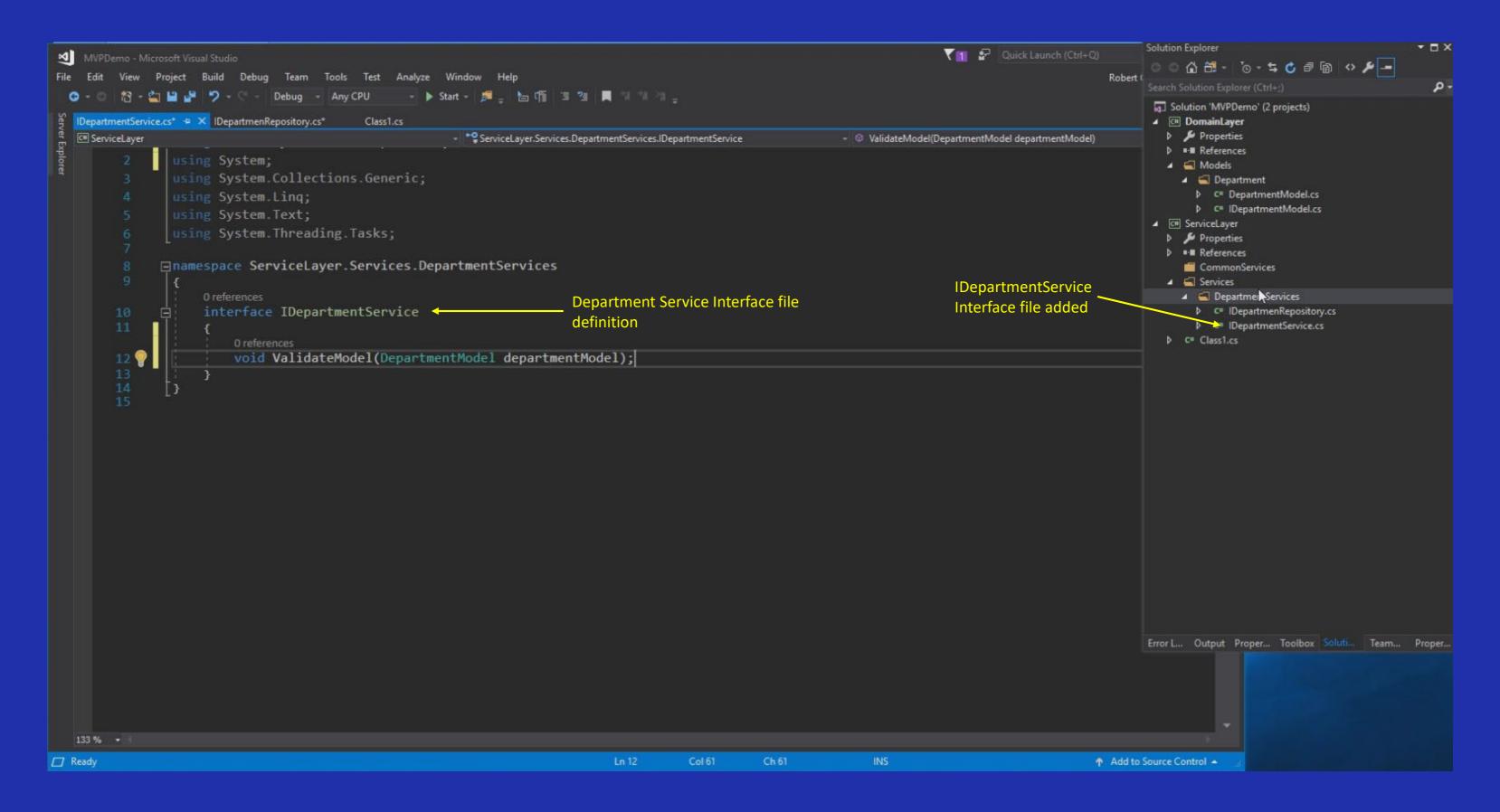
# Service Layer Interactions With Other Layers and Objects



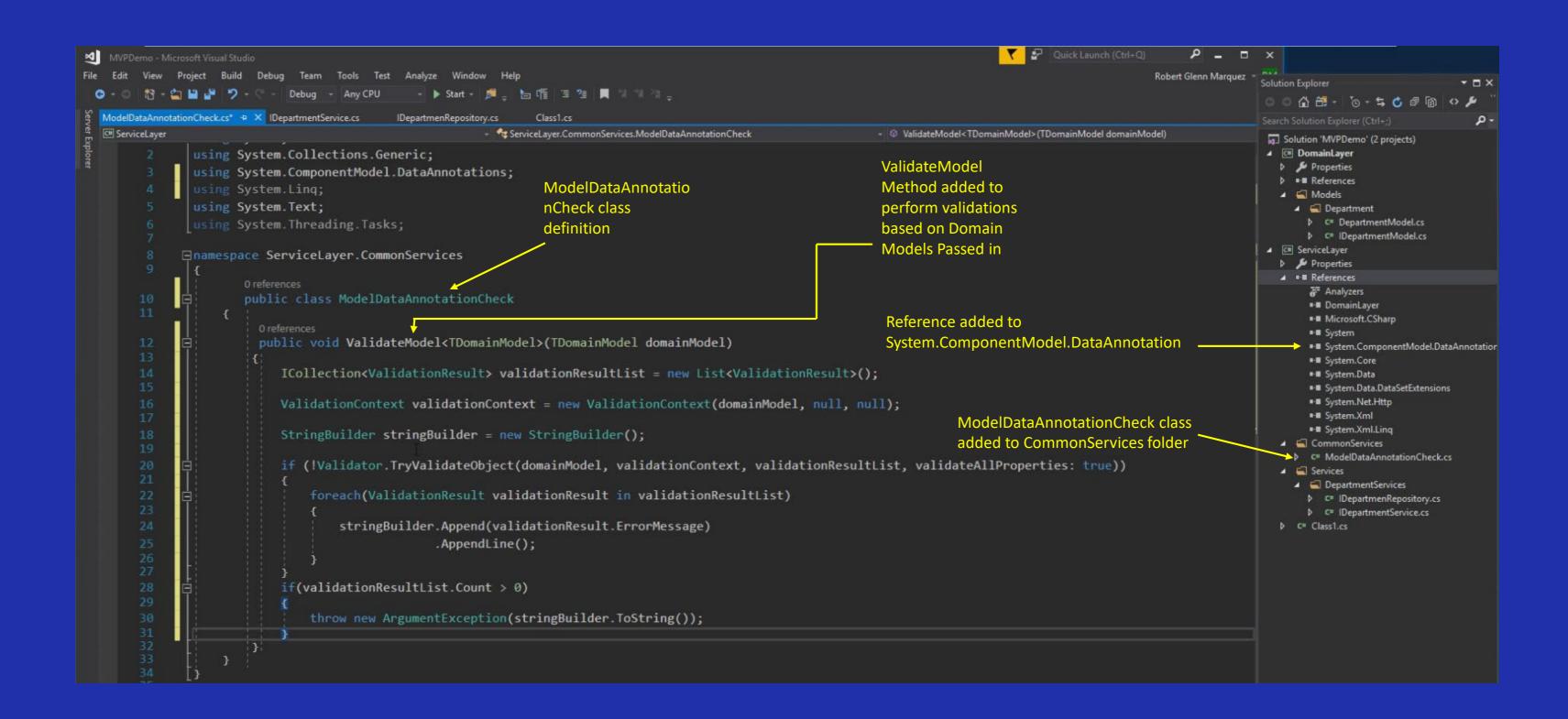
## Service Layer Creation – Folders and Department Repository Interface File



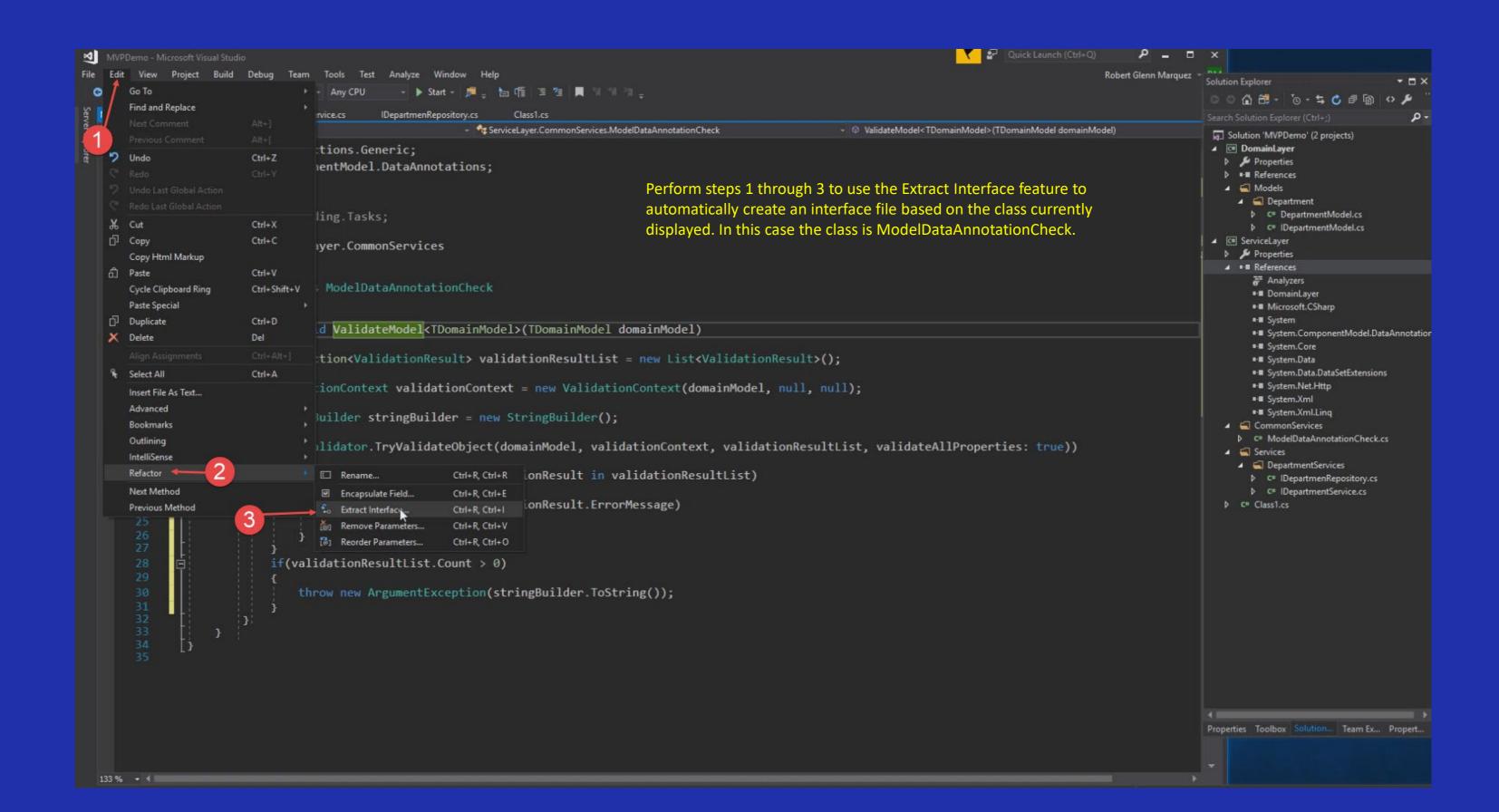
#### Service Layer Creation – Department Service Interface File



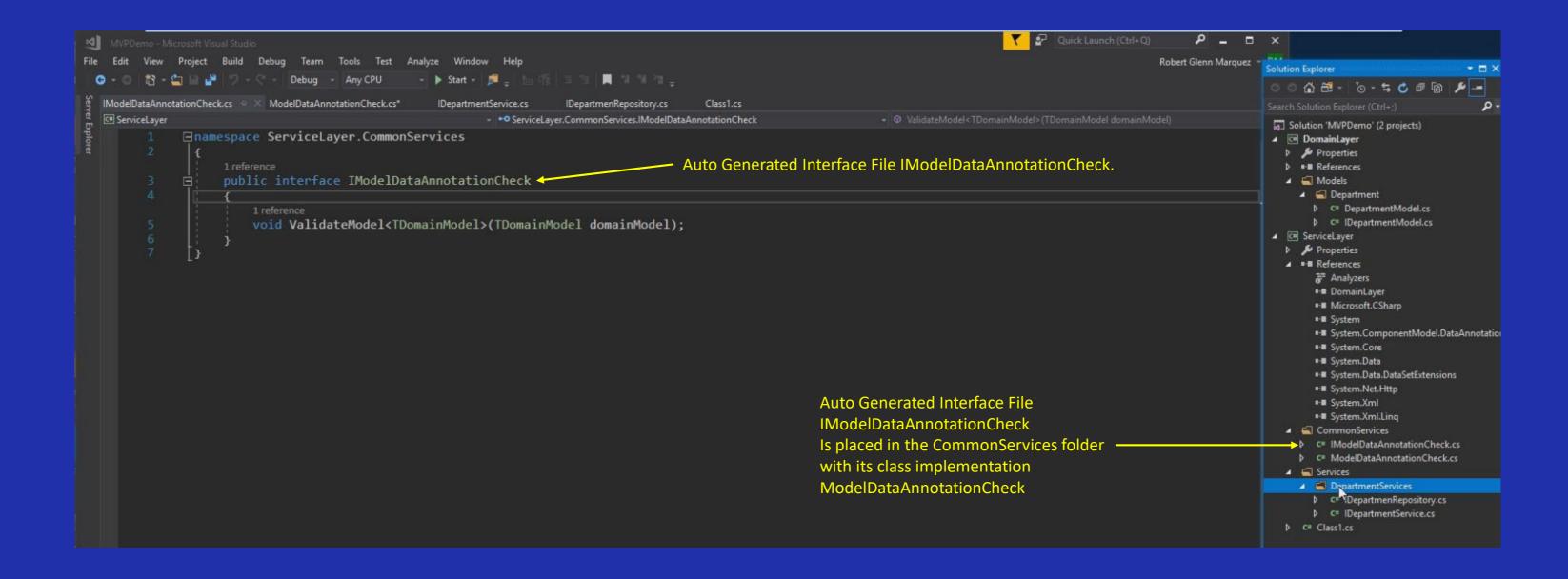
#### Service Layer Creation – ModelDataAnnotationCheck Class added to CommonServices Folder



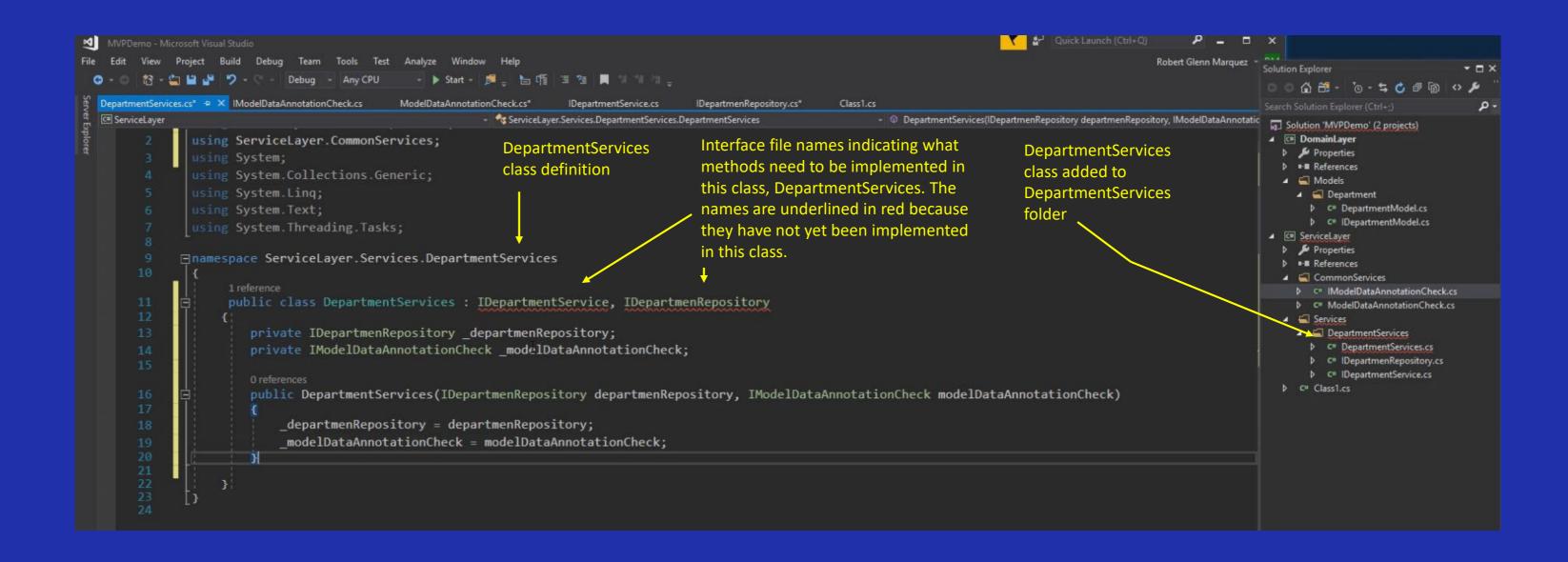
#### Service Layer Creation – Automatically Generate Interface File For ModelDataAnnotationCheck Class



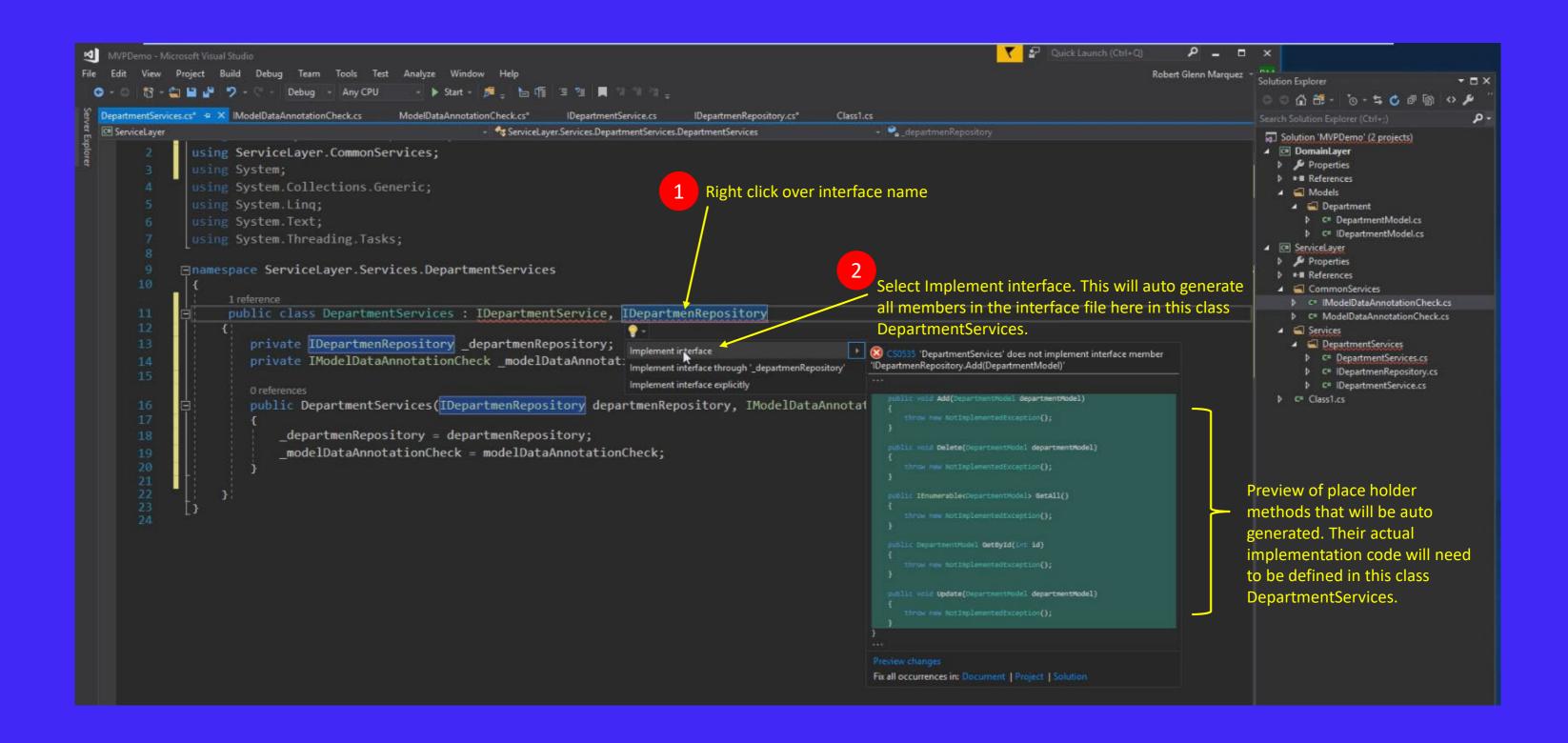
## Service Layer Creation –Generated Interface File For ModelDataAnnotationCheck Class



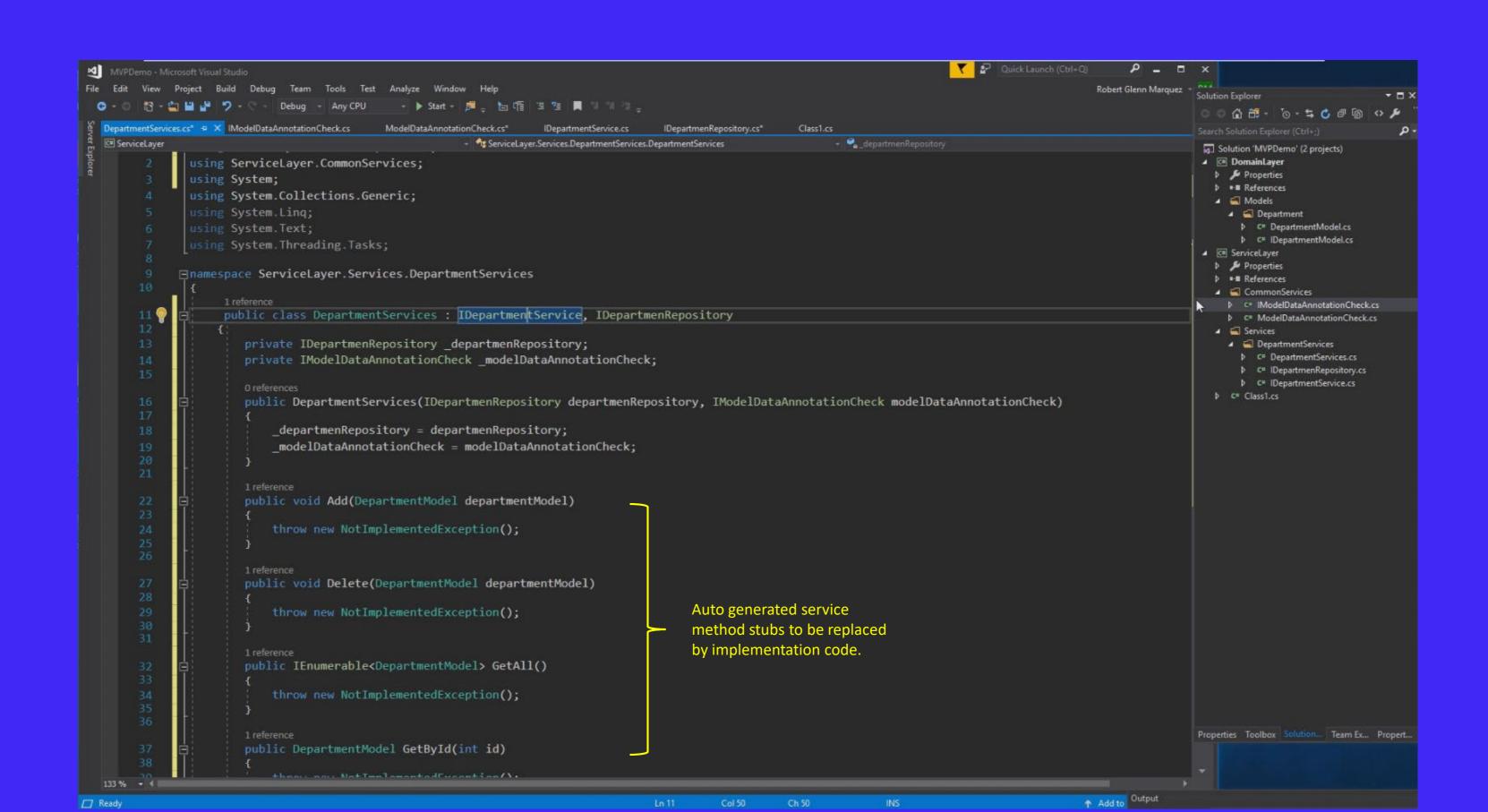
## Service Layer Creation – Creation of DepartmentServices Class



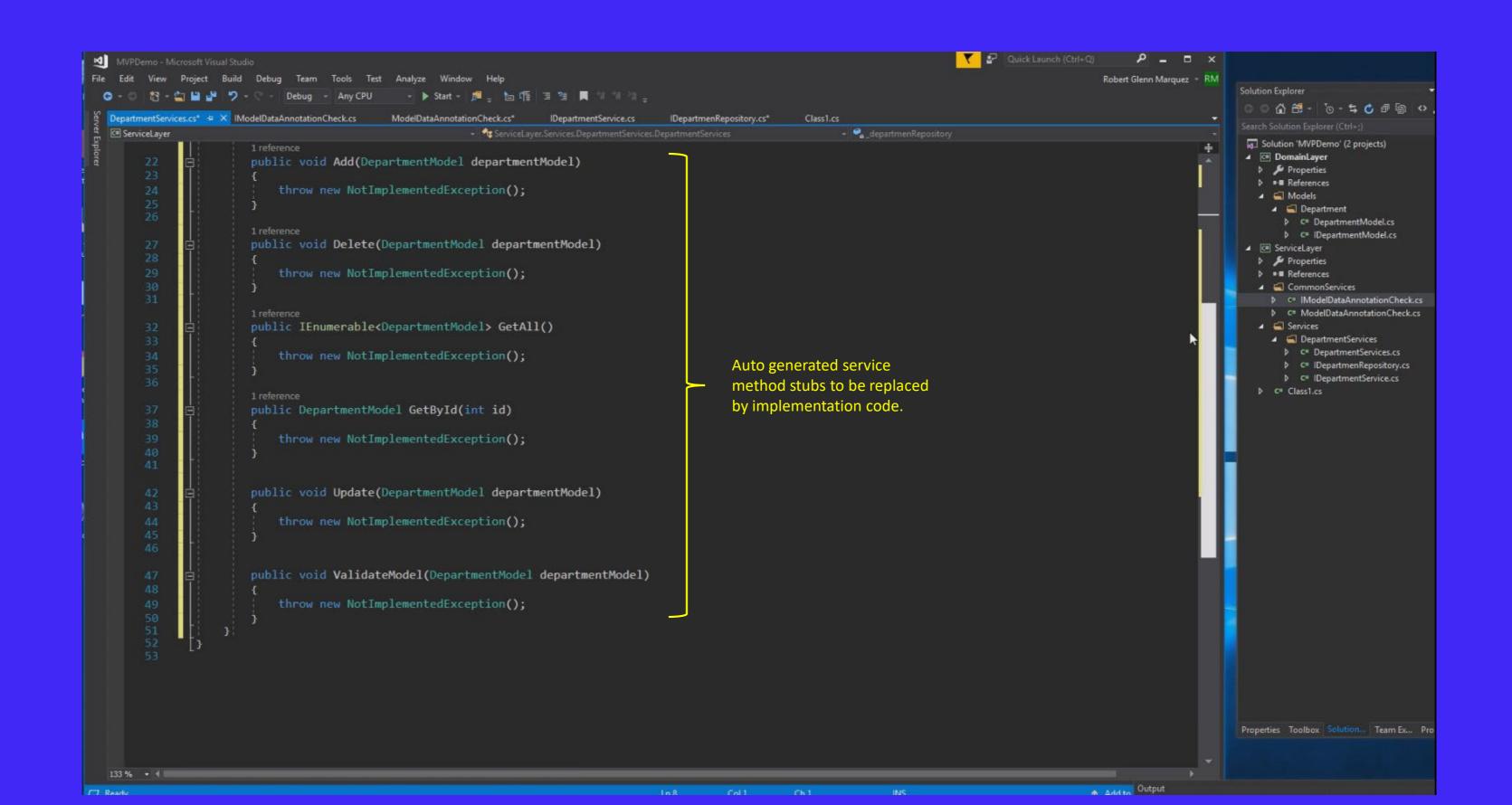
## Service Layer Creation – Auto Generate Interface File Using Right Click Over Interface File Name



## Service Layer Creation – Auto Generated Service Method Stubs



## Service Layer Creation – Auto Generated Service Method Stubs



Service Layer Creation – End of Notes For Video #4