WebAPI 2 - Learning Materials

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Author Note

Beginners note for WEB API 2 learning

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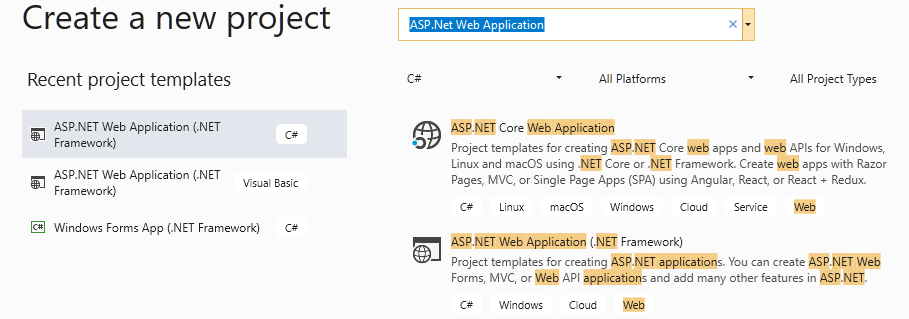
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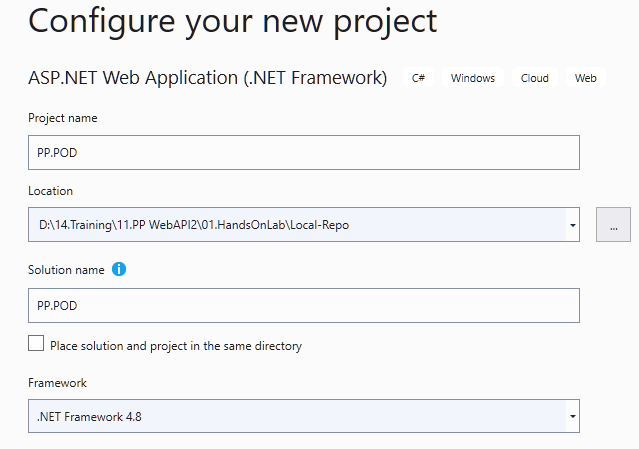
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**Session I: Introduction - Create Web API for CRUD Operations**

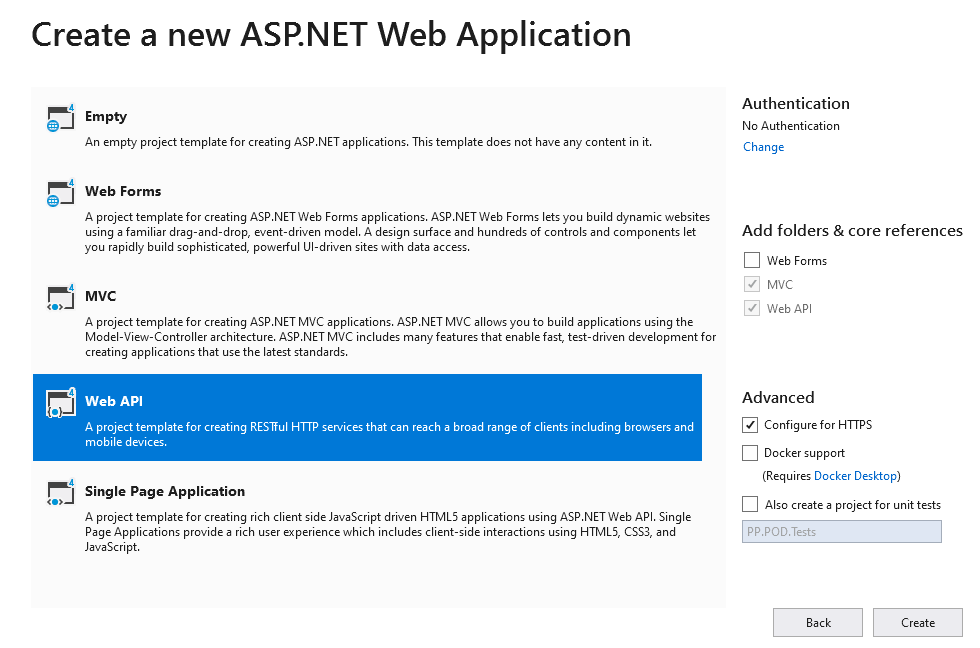
* Source: <https://www.tutorialsteacher.com/webapi/create-web-api-for-crud-operation>
* We will create a Web API project and implement GE, POST, PUT and DELETE for CURD operations using EF
* Create new Project - “ASP.Net Web application”



* Enter name for the project and save the project name as PP.POD (Purchase Order)



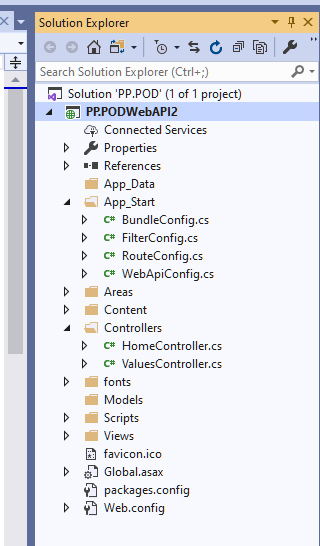
* From project template select the template name as “Web API” and click Create button



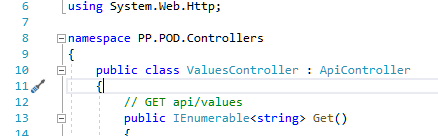
* We could see that a new WebAPI project is created with necessary project files. Important files:

App\_Start 🡪 WebApiConfig.cs and

Controller 🡪 ValuesController.cs

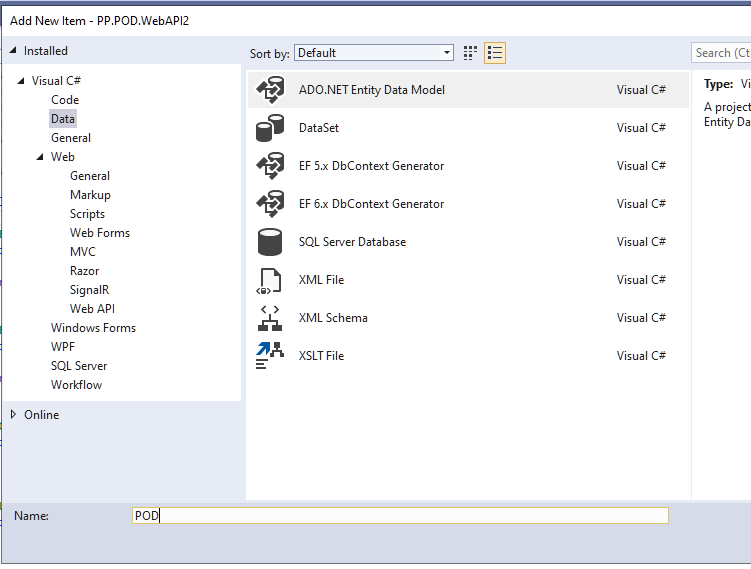


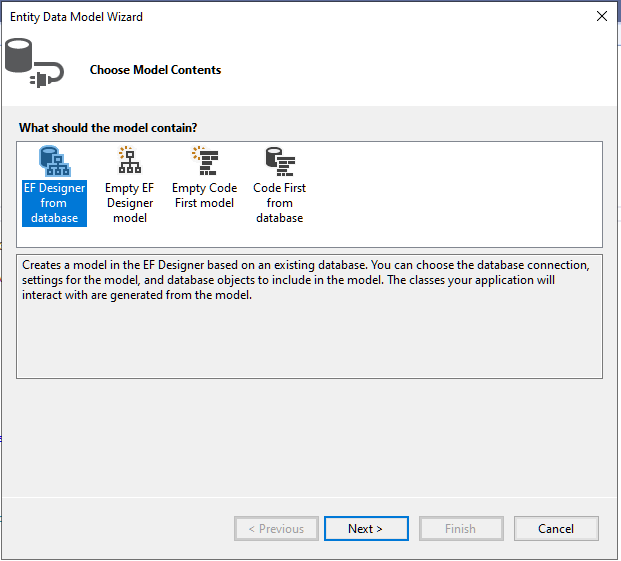
* ValueController.cs was added by default and it inherits from : **ApiController**

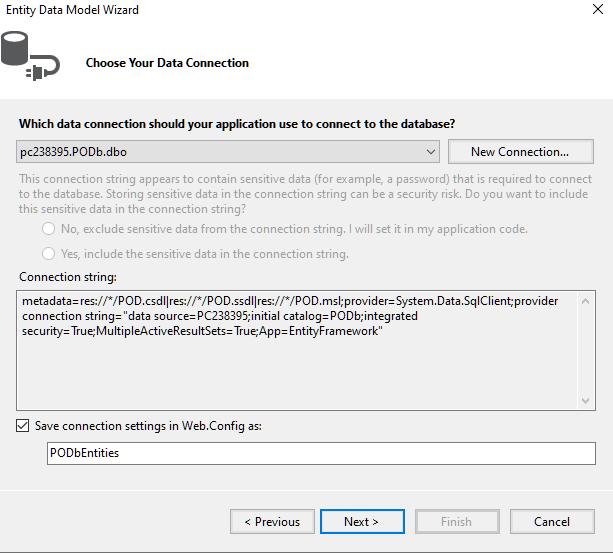


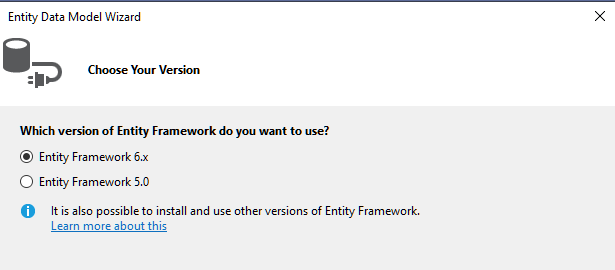
* As we will be adding the new ApiController for web API we will delete the default ApiController
* We will use Entity Framework Database First approach (EF-DBF)

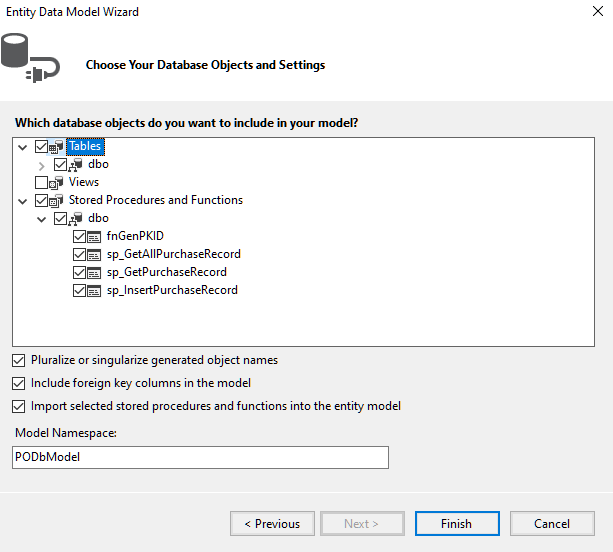
### Adding EF Data Model

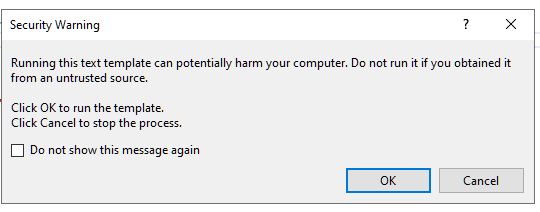


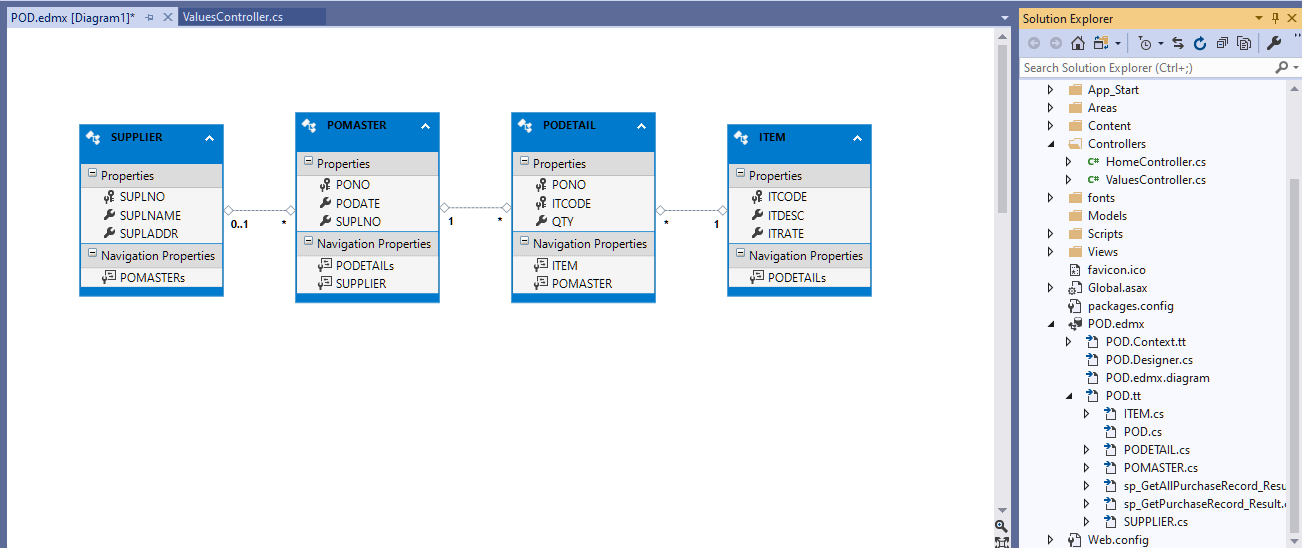


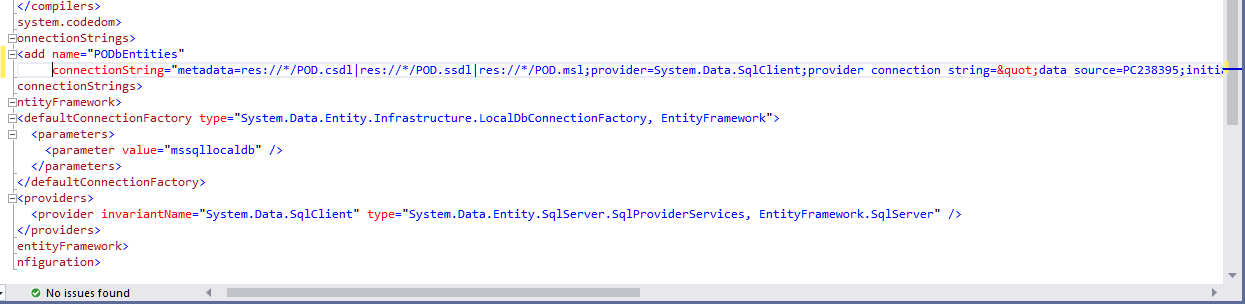


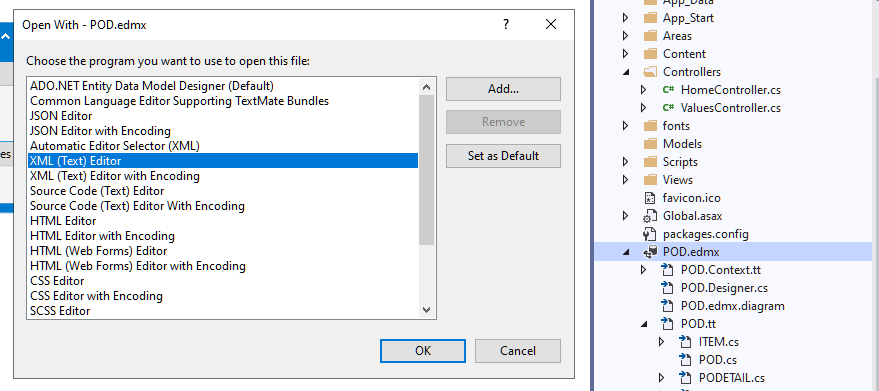


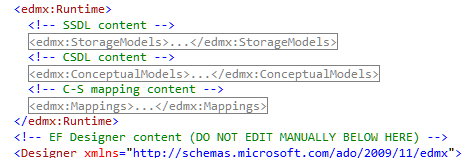


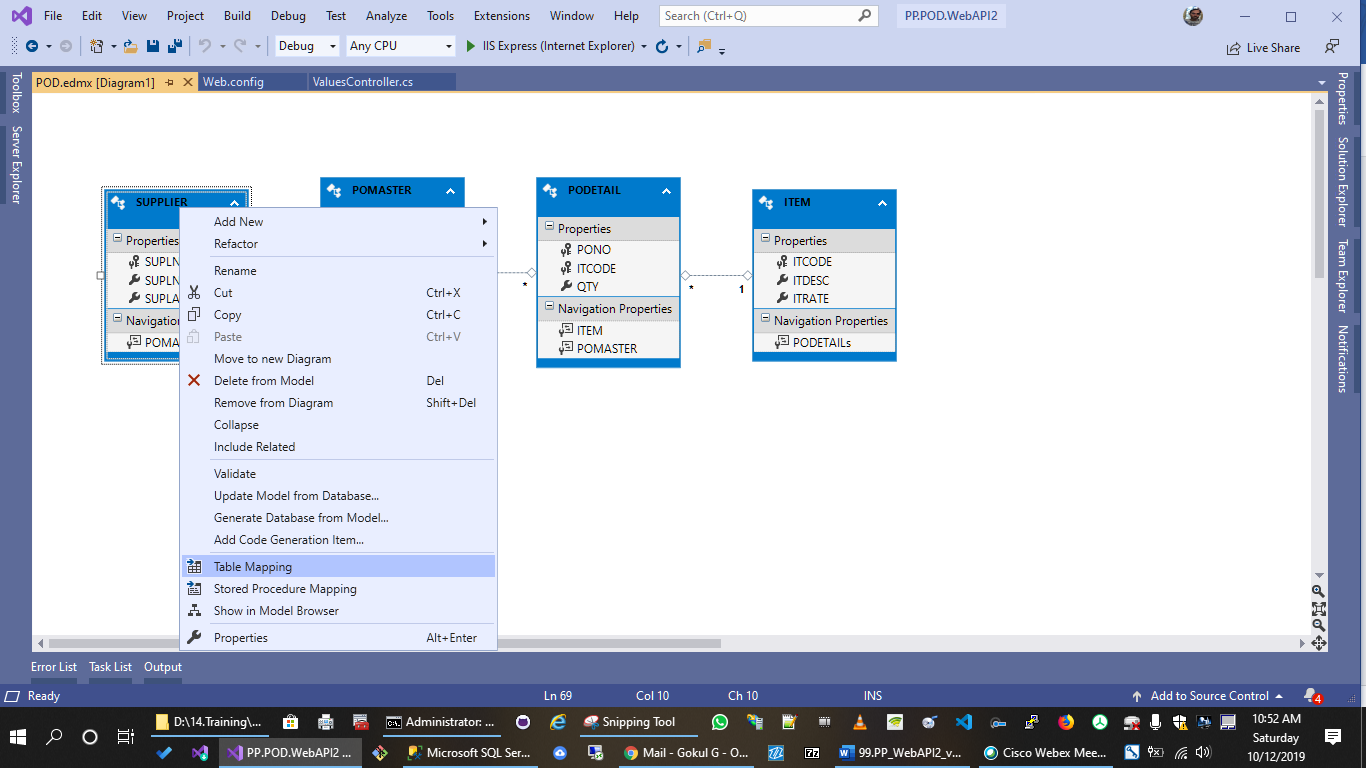


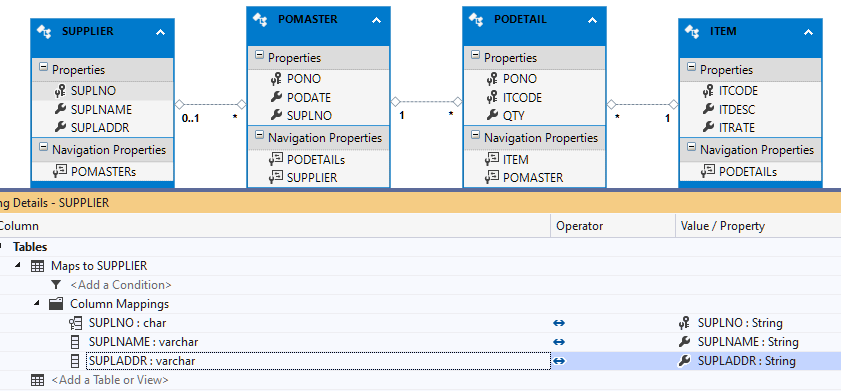


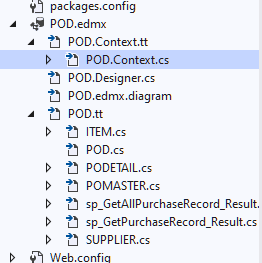


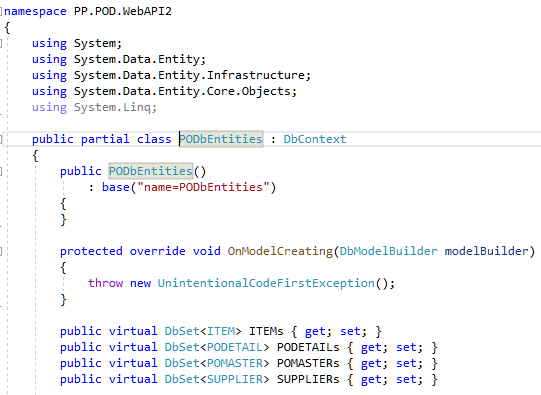


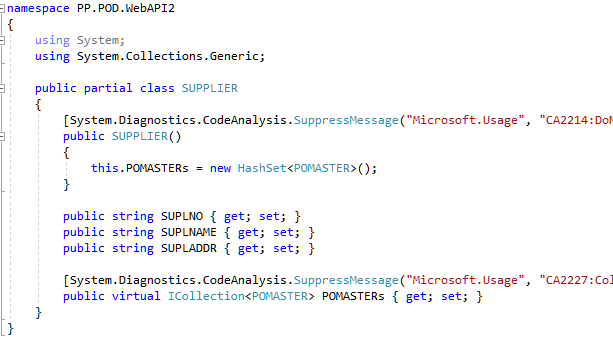


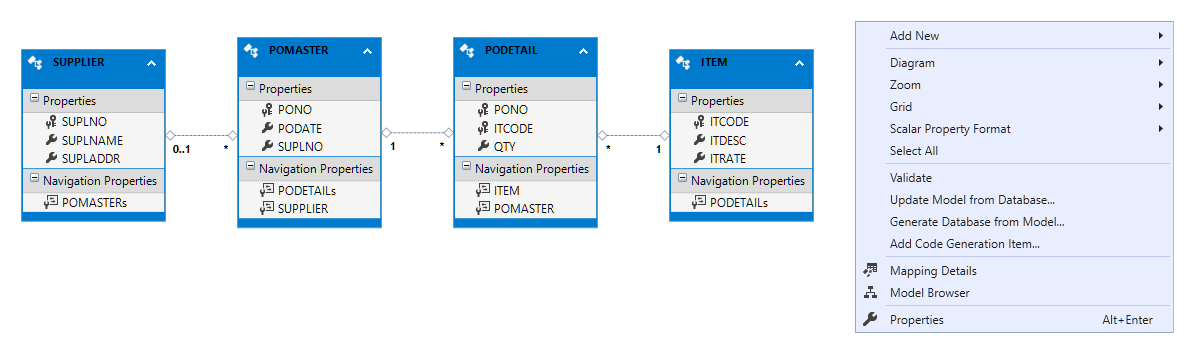


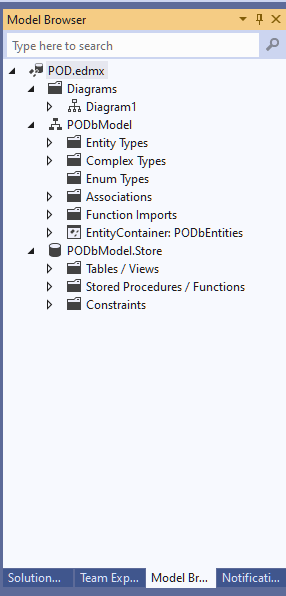












EF will be continued in next chapter

Back to CRUD ..

