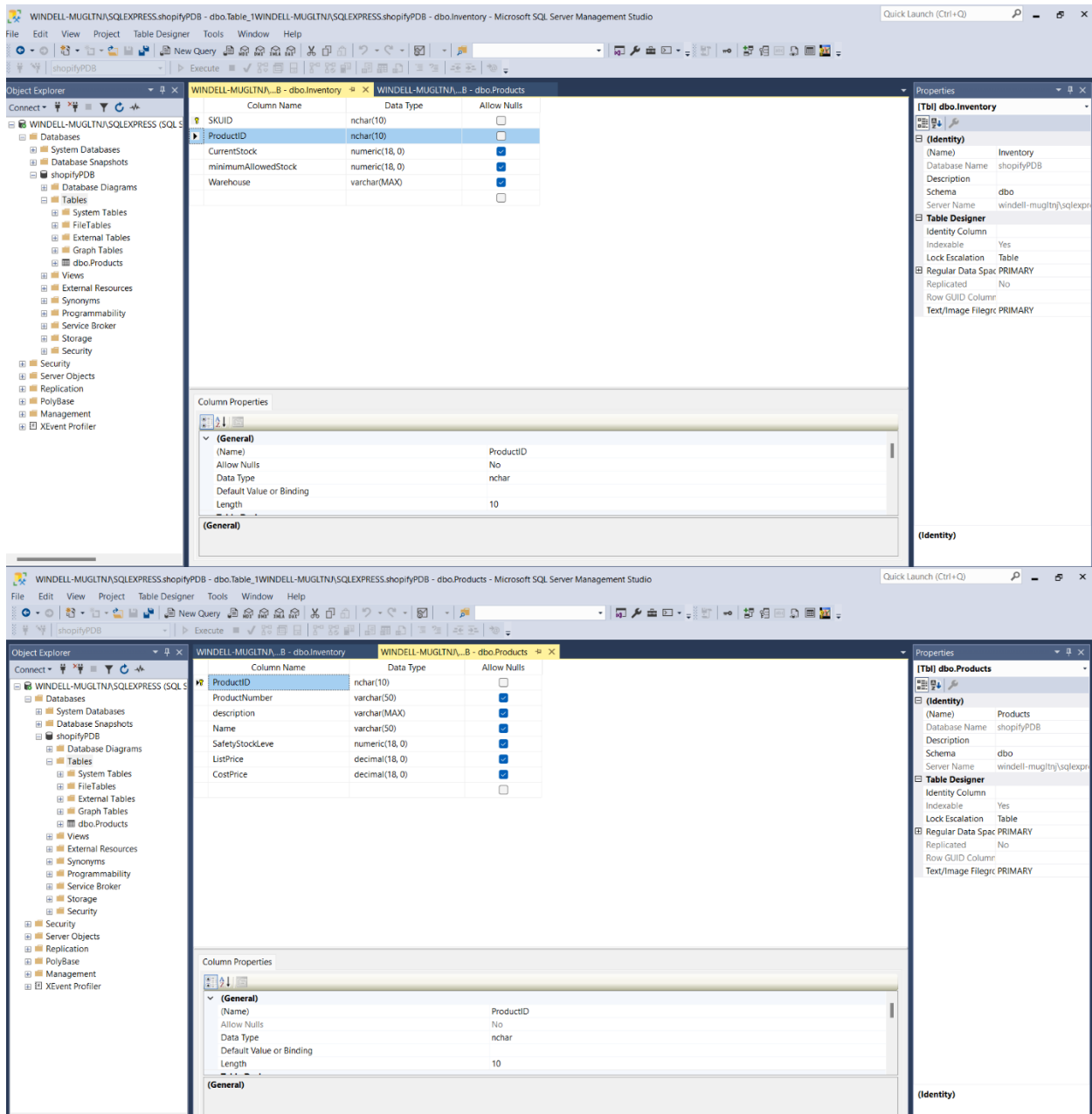
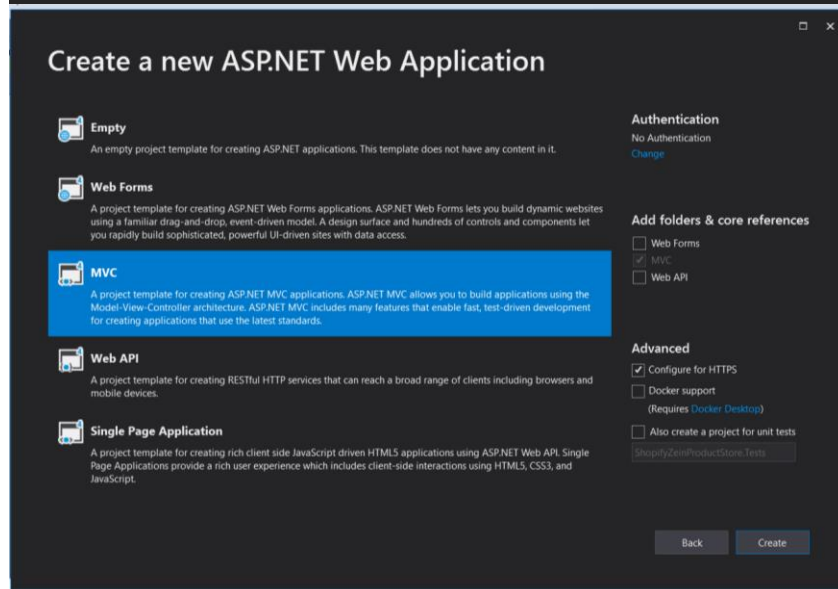
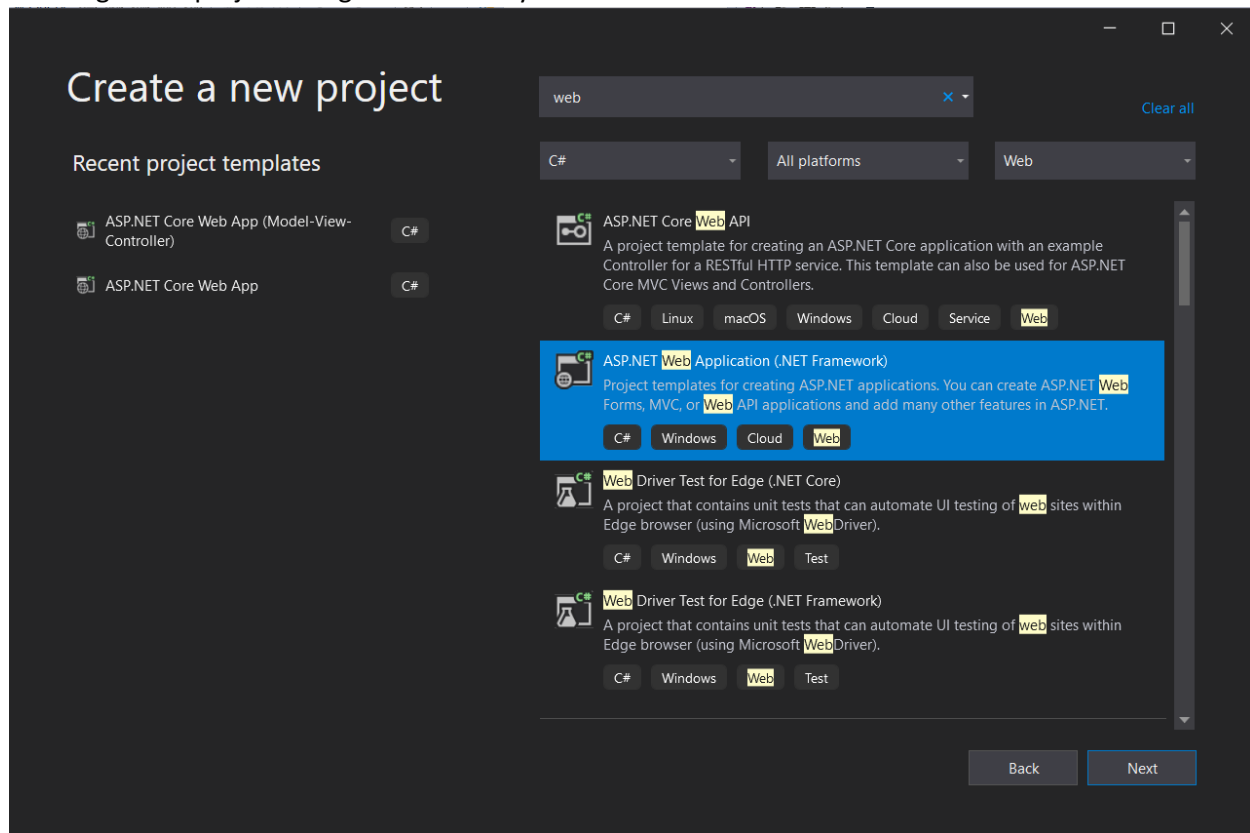


As we are trying to make CRUD capable web app the most suited platform to build on would be MVC ASP.net

We can start by building the Database Model for the Entity (Will use SQLExpress & SSMS)




Creating a new project Using VS community 2019



Connecting the DataBase to the IDE

Entity Data Model Wizard

 **Choose Your Data Connection**

Which data connection should your application use to connect to the database?

windell-mugltnj\sqlexpress.shopifyPDB.dbo

New Connection...

This connection string appears to contain sensitive data (for example, a password) that is required to connect to the database. Storing sensitive data in the connection string can be a security risk. Do you want to include this sensitive data in the connection string?

☐ No, exclude sensitive data from the connection string. I will set it in my application code.

☐ Yes, include the sensitive data in the connection string.

Connection string:

```
metadata=res://*/Models.Model1.csdl|res://*/Models.Model1.ssdl|
res://*/Models.Model1.msl;provider=System.Data.SqlClient;provider connection string="data
source=WINDELL-MUGLTNJ\SQLEXPRESS;initial catalog=shopifyPDB;integrated
security=True;MultipleActiveResultSets=True;App=EntityFramework"
```

☒ Save connection settings in Web.Config as:

shopifyPDBEntities

< Previous

Next >

Finish


Cancel

**Choose Your Version**

Which version of Entity Framework do you want to use?

☒ Entity Framework 6.x

☐ Entity Framework 5.0

 It is also possible to install and use other versions of Entity Framework.
[Learn more about this](#)


< Previous

Next >

Finish

Cancel

Entity Data Model Wizard

 **Choose Your Database Objects and Settings**

Which database objects do you want to include in your model?

- ☒ Tables
- ☐ Views
- ☒ Stored Procedures and Functions

☐ Pluralize or singularize generated object names

☒ Include foreign key columns in the model

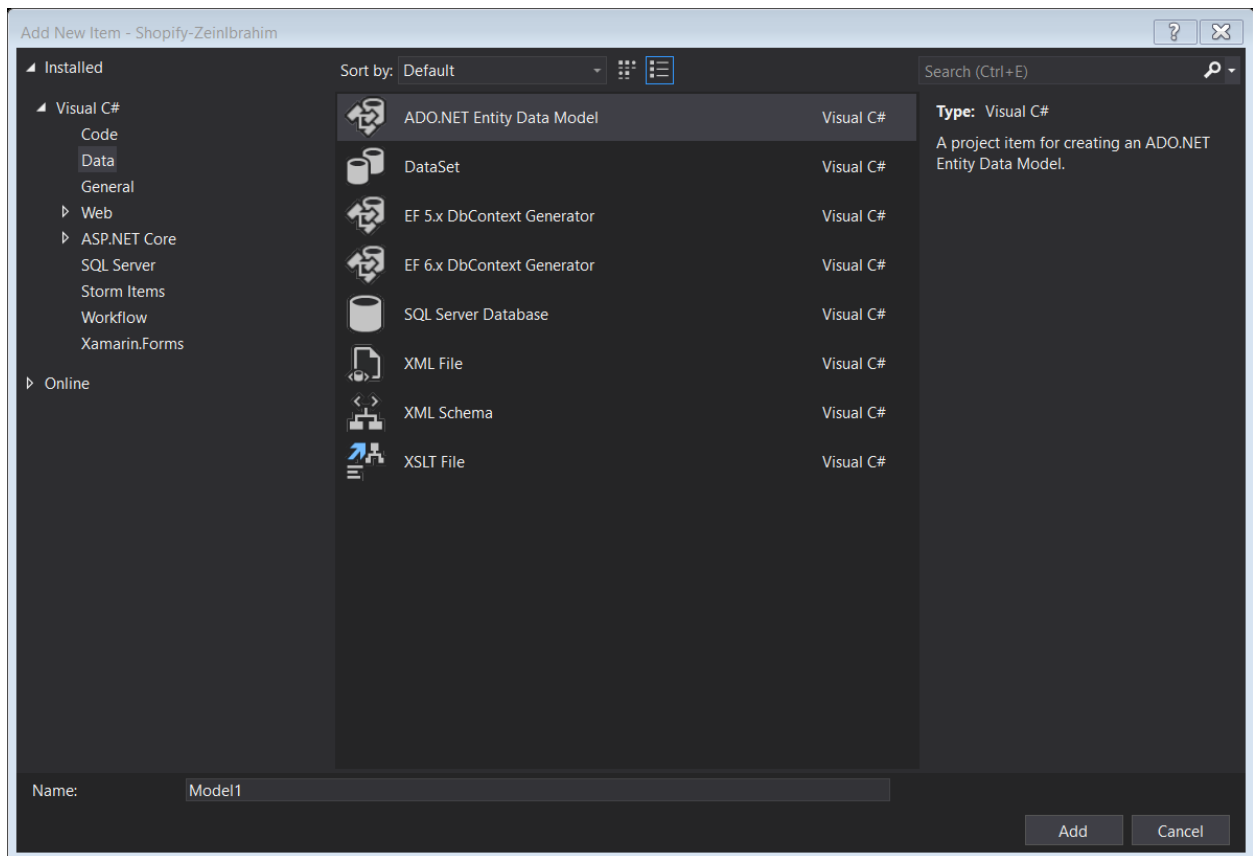
☒ Import selected stored procedures and functions into the entity model

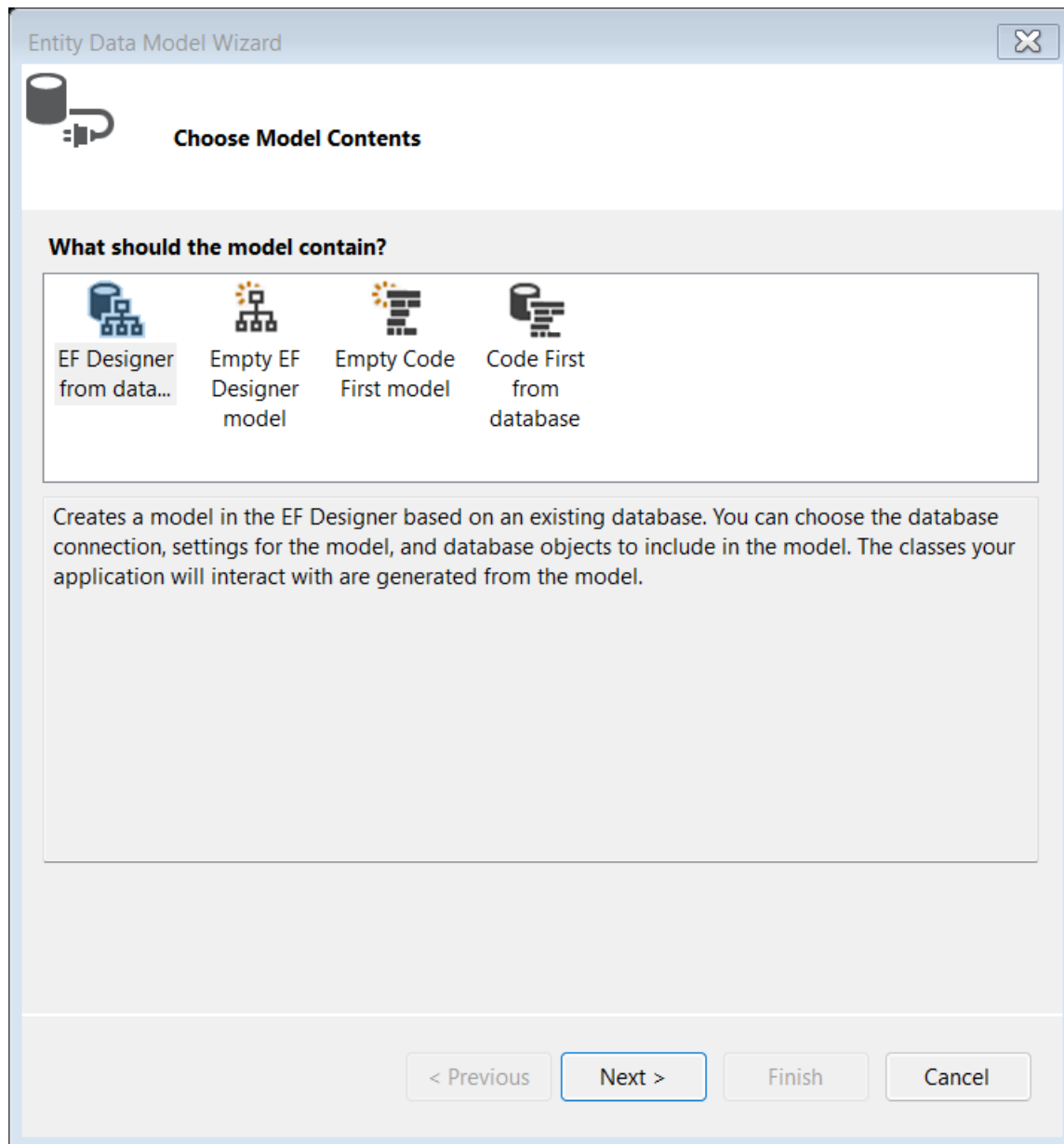
Model Namespace:

shopifyPDBModel

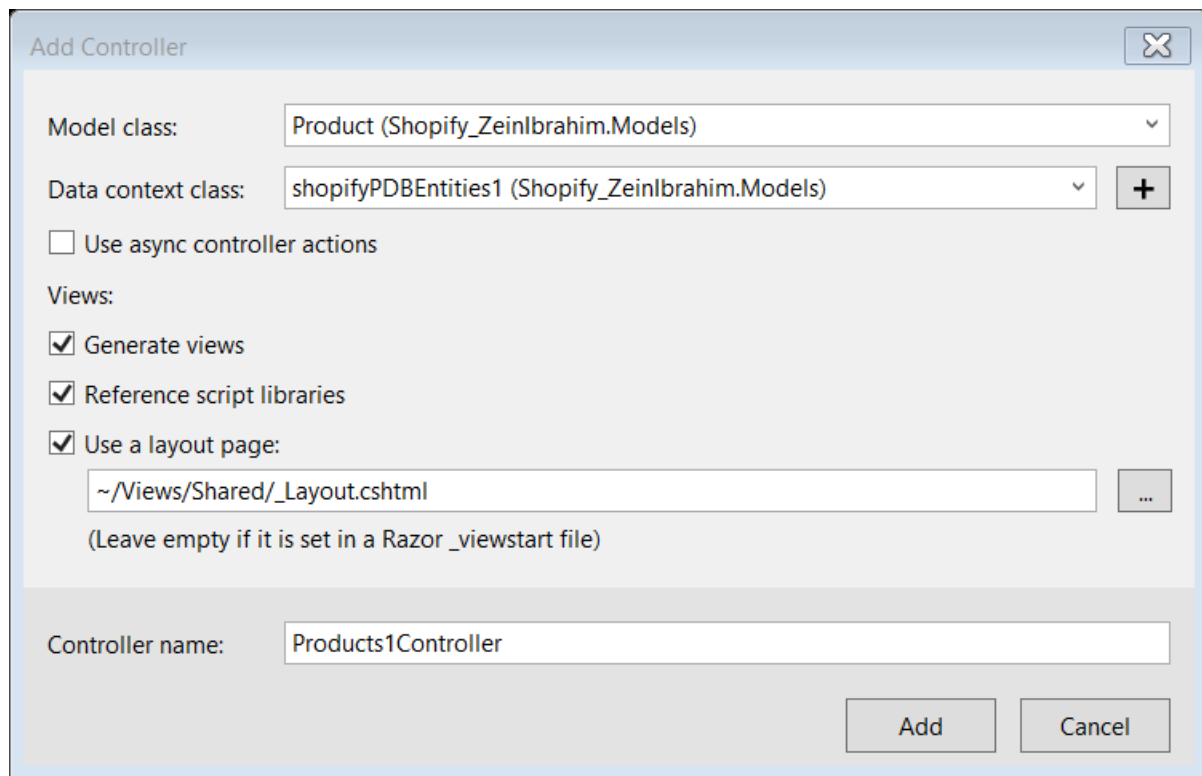
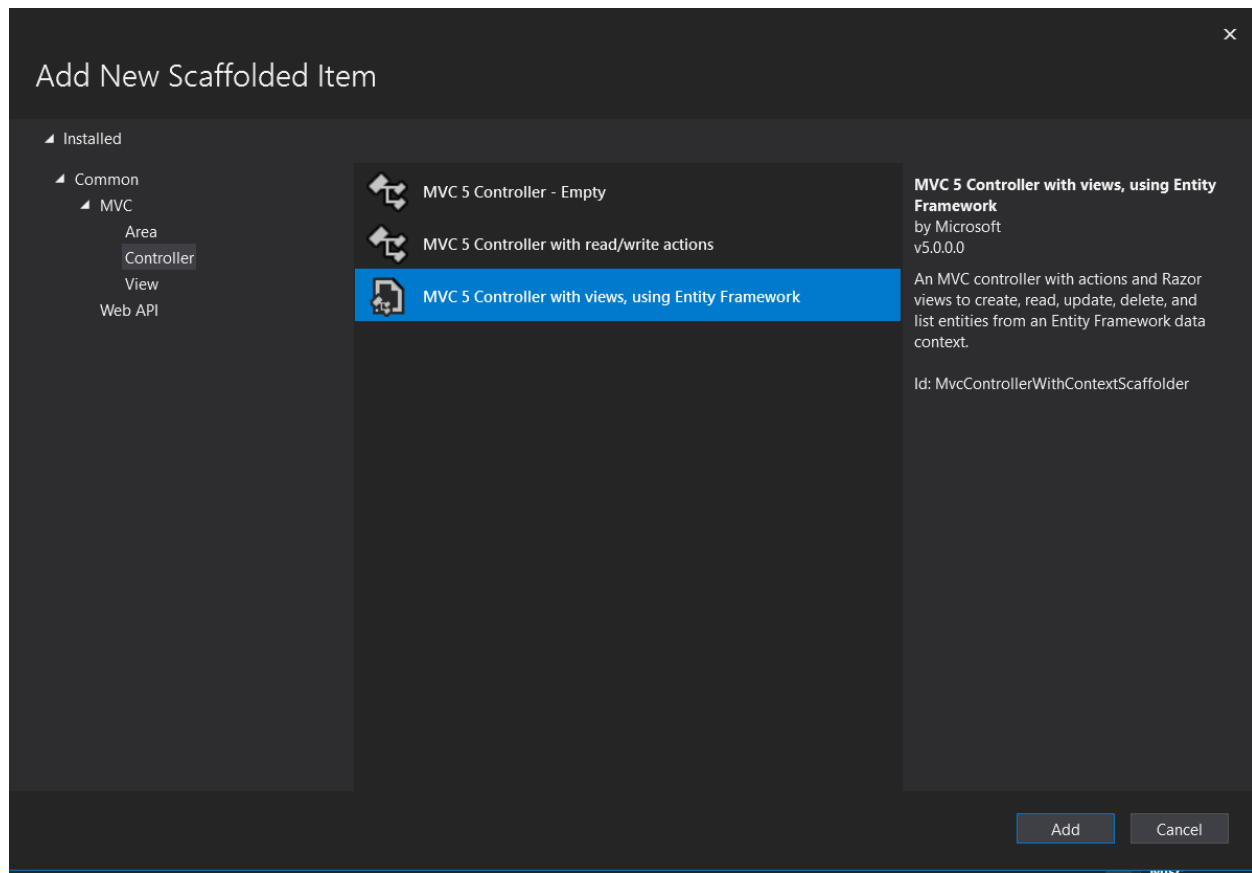
< Previous Next > **Finish** Cancel

Import the entity model from Database

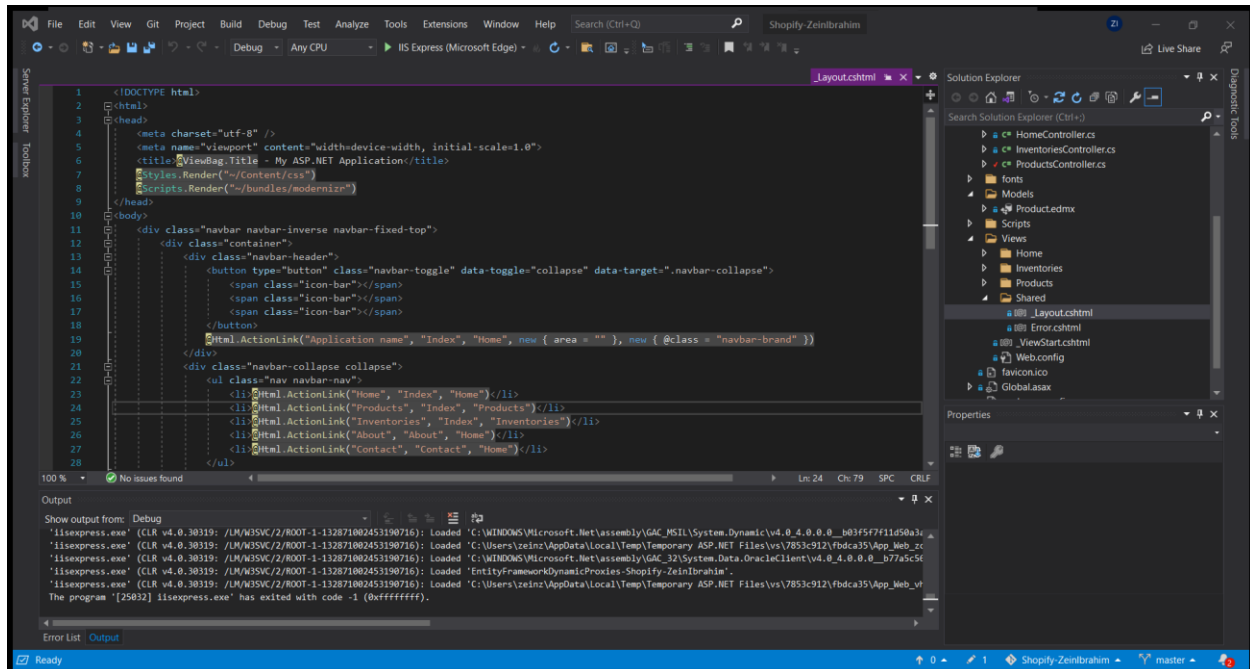




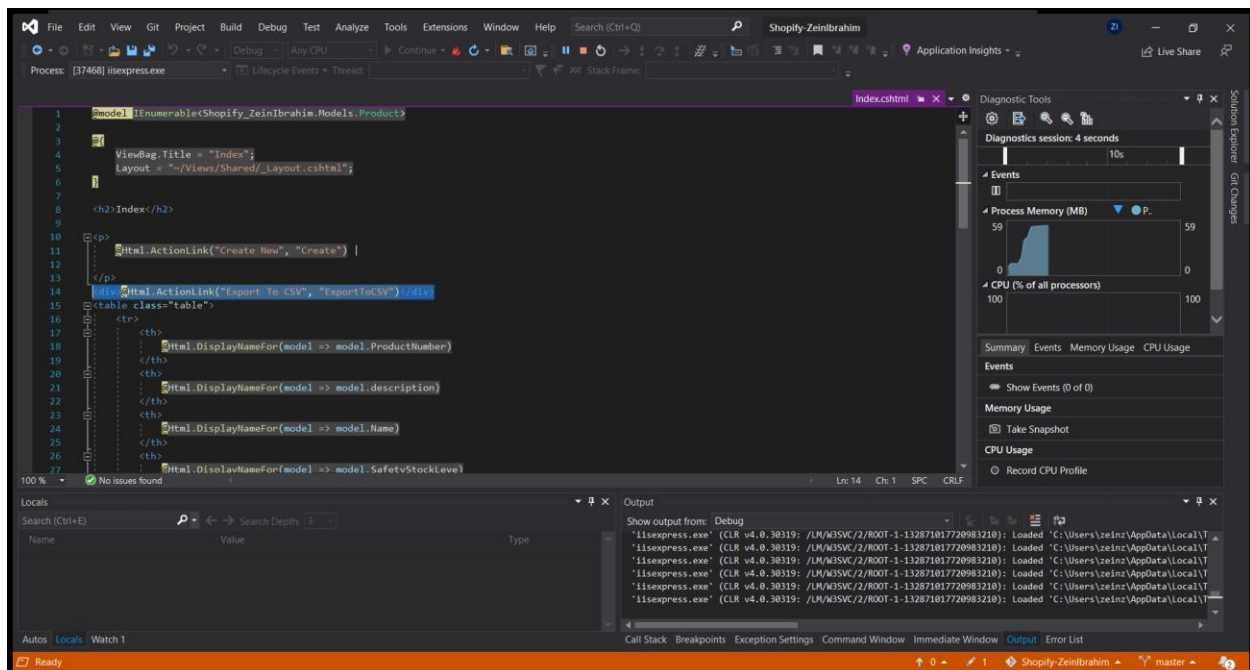
Adding MVC5 Controller and view (generating)



Include View For Products and inventories



We also need to modify the Product List from `Products>Index.cshtml` to add the button to download the



Running version

Index

[Create New](#) |

[Export To CSV](#)

ProductNumber	description	Name	SafetyStockLeve	ListPrice	CostPrice	
15552244585852	lollipop	hsodk	15.00	15.00	26.00	Edit Details Delete
54654684951654	vape	vape	8.00	15.00	13.00	Edit Details Delete

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Testing CRUD

Create :

Create

Product

ProductID	<input type="text" value="0000000007"/>
ProductNumber	<input type="text" value="5616498749"/>
description	<input type="text" value="Sky is blue"/>
Name	<input type="text" value="Sky"/>
SafetyStockLeve	<input type="text" value="1"/>
ListPrice	<input type="text" value="1000000"/>
CostPrice	<input type="text" value="151544"/>
<input type="button" value="Create"/>	

[Back to List](#)

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Read :

Application name Home Products Inventories About Contact

Details

Product

ProductNumber	5616498749
description	Sky is blue
Name	Sky
SafetyStockLeve	1.00
ListPrice	1000000.00
CostPrice	151544.00

[Edit](#) | [Back to List](#)

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Update :

Edit

Product

ProductNumber

5616498749

description

Sky is Green|

Name

Sky

SafetyStockLeve

1.00

ListPrice

1000

CostPrice

12

Save

[Back to List](#)

Delete :

Delete

Are you sure you want to delete this?

Product

ProductNumber 5616498749
description Sky is Green
Name Sky
SafetyStockLeve 1.00
ListPrice 1000.00
CostPrice 12.00

Delete | [Back to List](#)

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Index

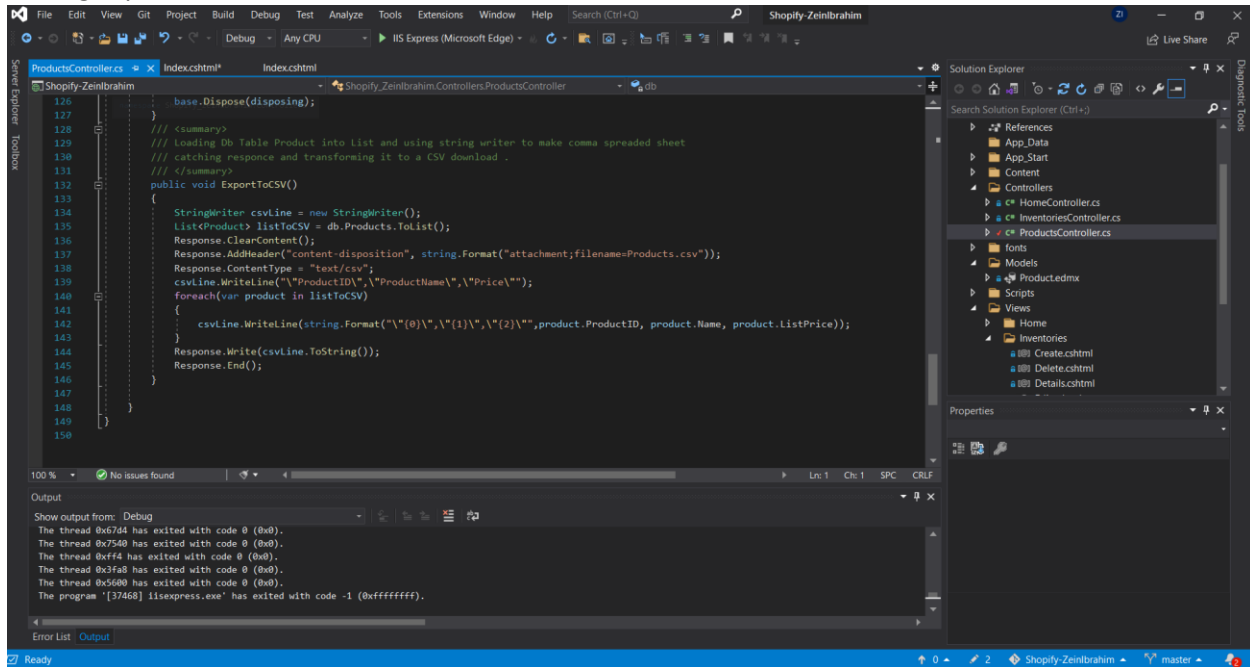
[Create New](#) |

[Export To CSV](#)

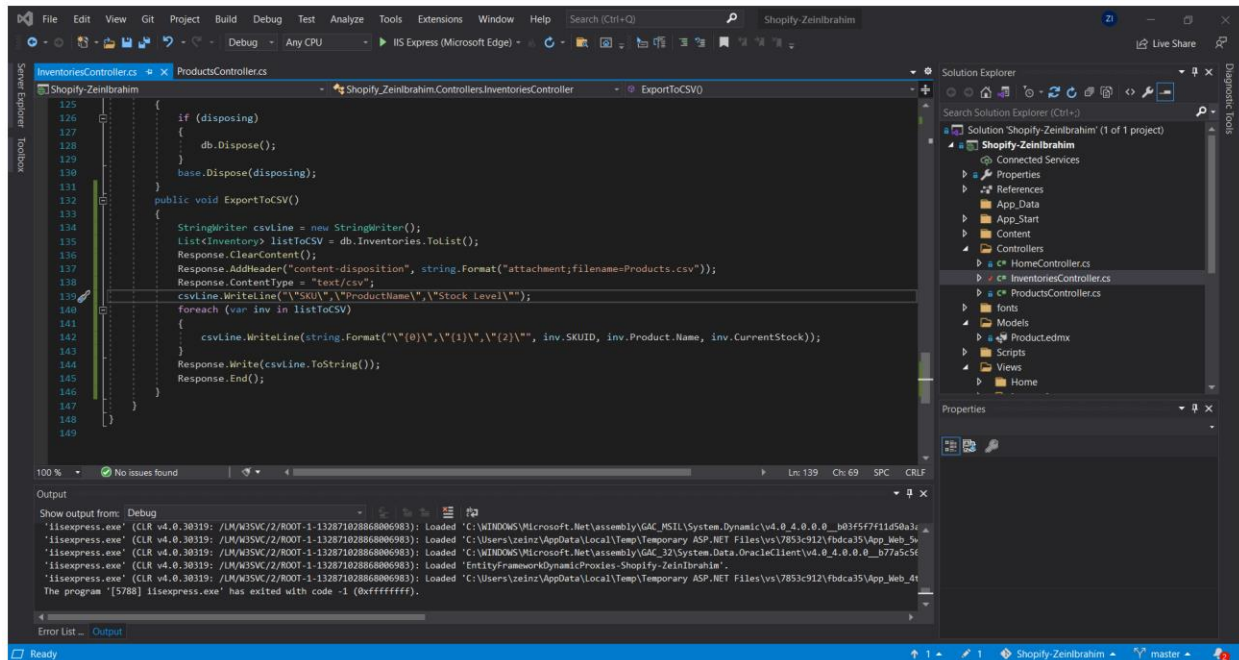
ProductNumber	description	Name	SafetyStockLeve	ListPrice	CostPrice	
15552244585852	lollipop	hsodk	15.00	15.00	26.00	Edit Details Delete
54654684951654	vape	vape	8.00	15.00	13.00	Edit Details Delete
8465413621	Testing	Keys	8.00	200.00	900.00	Edit Details Delete

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Adding Export Function:



Adding similar function to Inventories Controller



Adding the button

The image shows a side-by-side comparison of a data source and its application. On the left, an Excel spreadsheet titled 'Products (7).csv' contains the following data:

SKU	Product Name	Stock Level
1	hsodk	60
2	vape	60

On the right, a web browser displays 'Index - My ASP.NET Application' at the URL <https://localhost:44318/Inventories>. The page features a search bar labeled 'Application name' and a table of inventory items:

CurrentStock	minimumAllowedStock	Warehouse	ProductNumber	
60.00	10.00	15	15552244585852	Edit Details Delete
60.00	15.00	the only one	54654684951654	Edit Details Delete

At the bottom of the browser window, the footer reads: © 2022 - My ASP.NET Application.