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# JAYTHOM PORTFOLIO

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.NET Developer



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## 1. Introduction

### Restaurant Application

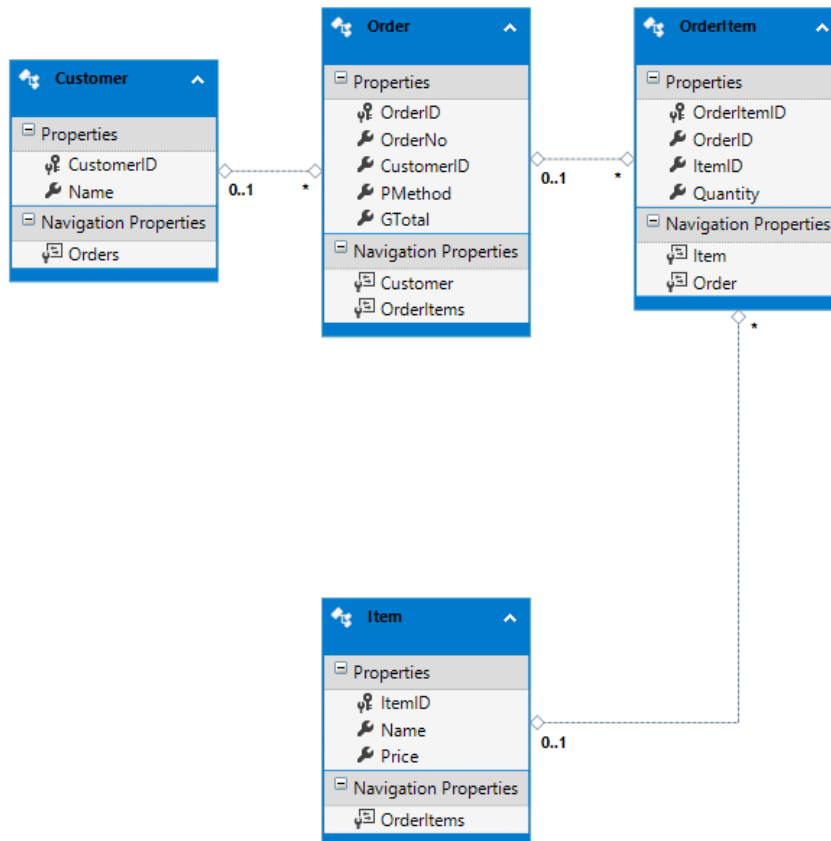
As part of the portfolio I had created a basic restaurant application through which we can create an order and insert that into the database. The user has a facility to create multiple order items under a single order and he has provided with a feature for edit before the submission.

<b>Technologies</b>	Asp.Net, Entity framework, Web API for the server side Angular 7, Bootstrap, Angular Material, HTML for the client side, Toastr Service for Notifications.
<b>Tools</b>	Visual Studio Community , Visual Studio Code, SQL Server Management Studio
<b>Version Control</b>	GitHub

## 2. DB Creation

Open the file **Restaurant\_DBScripts.sql** and execute the scripts using your SSMS and the please make sure you have updated the **connection string** in the web.config(JayThom\_Portfolio\_Restaurant) file to your own db connection

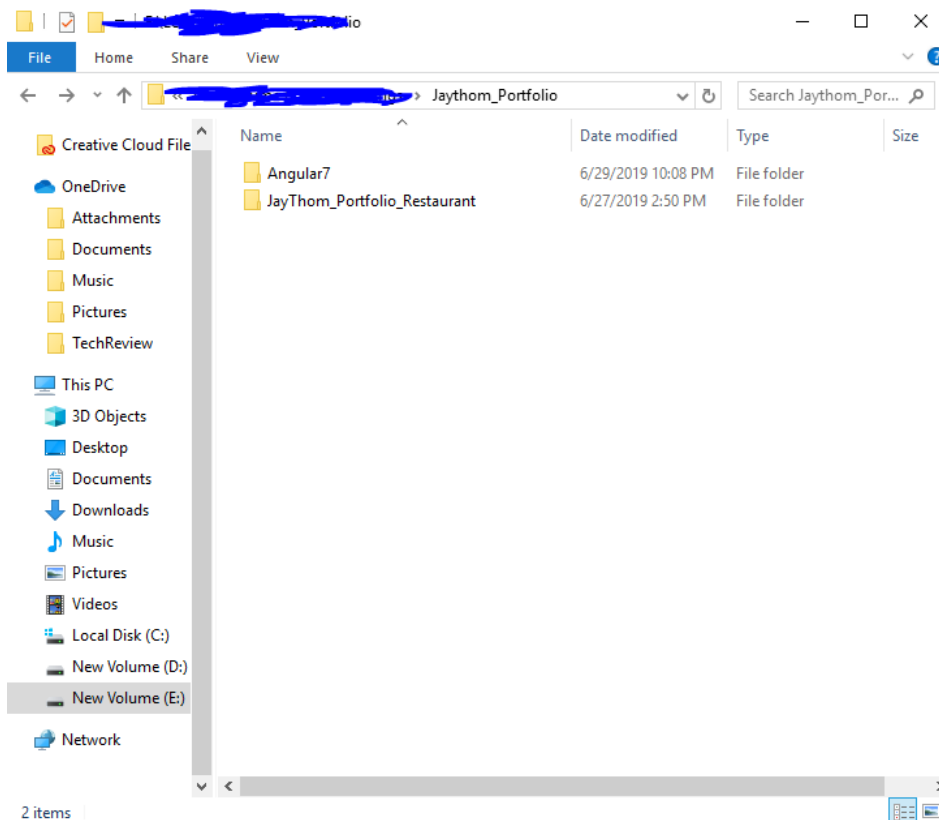
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<dependentAssembly>
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<dependentAssembly>
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</assemblyBinding>
</runtime>
<system.codedom>
  <compilers>
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    <compiler language="vb;vbs;visualbasic;vbscript" extension=".vb" type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform,VBCodeProvider, Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=2.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35" />
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</system.codedom>
<connectionStrings>
  <add name="DBModel1" connectionString="metadata=res://*/Models.DBModels.csdl|res://*/Models.DBModels.ssdl|res://*/Models.DBModels.msl;provider=System.Data.SqlClient;provider connection string="data source=HERCULES\JAYTHOM\SERVER;initial catalog=Restaurant;user id=sa;password=12345678;multiple active result sets=true" />
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    <parameters>
      <parameter value="mssqllocaldb" />
    </parameters>
  </defaultConnectionFactory>
  <providers>
    <provider invariantName="System.Data.SqlClient" type="System.Data.Entity.SqlServer.SqlProviderServices, EntityFramework.SqlServer" />
  </providers>
</entityFramework>
</configuration>
```



### 3. User Manual

Open **.sln** file in the **JayThom\_Portfolio\_Restaurant** folder using the visual studio and run the application

Now open the command prompt from Jaythom Portfolio



Run the below commands: **cd Angular7** // takes u to the Angular 7 folder

**Code .** //Open the files under this folder in VS code

*Note: In above command there is a space between code and dot.*

Now open the terminal in VS code from Menubar -> Terminal -> NewTerminal

Run the command **ng serve -o** it will run the application under the port 4200 as default

Common Error: if you face the error the port already in use then we have three ways to resolve it

1. Change the port number in the angular-cli.json to other port which is not in use then save And run the ng serve command .
2. Change the port from terminal **ng serve --port 3000** it will run under the port 3000, here u can pass any port number which is not in use.
3. Kill the task running on port 4200 ( default) by PID and then run the ng serve -o command again.

## Features:

### Create Order Items :



## JayThom Portfolio-Restaurant App -



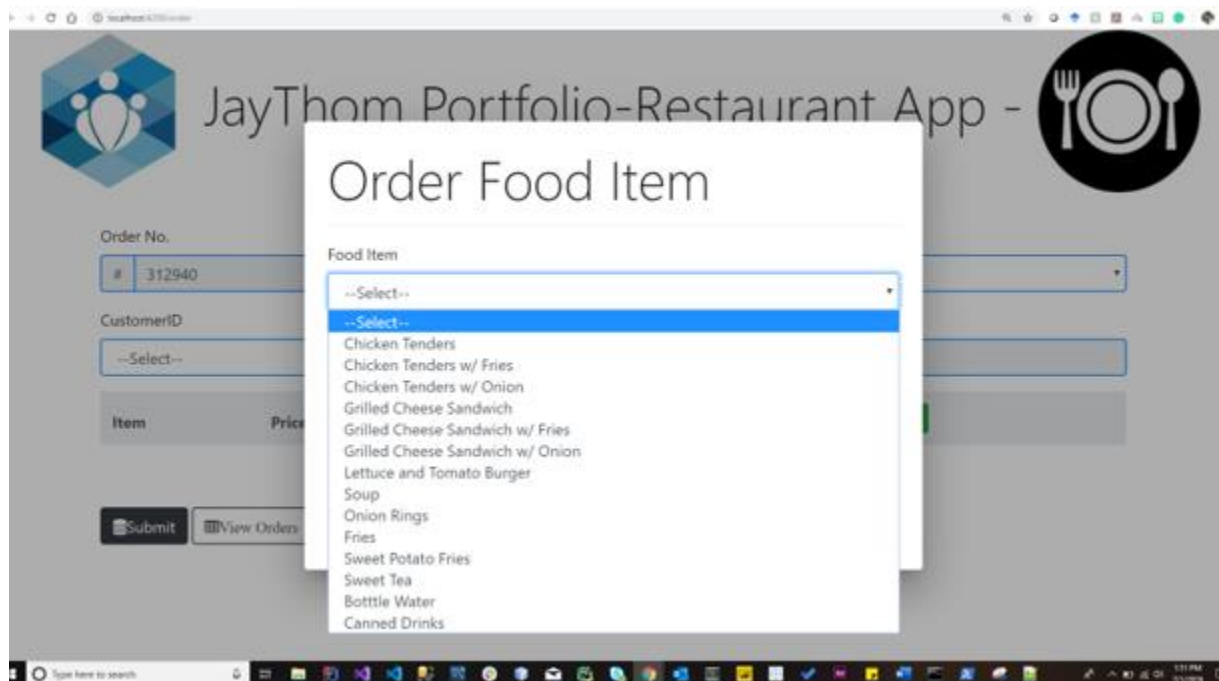
Order No.	Payment Method
# 312940	--Select--
CustomerID	Grand Total
--Select--	\$ 0

Item	Price	Quantity	Total	+Add Item
No Food Item Selected for the Order				

Submit

View Orders

In the above click on the +Add Item button and the we will get a pop up in that we will get the list of items and then we need to select the quantity of items we require. This it will automatically update the price and total based on the item we selected and quantity we provided.



# Order Food Item

Food Item

Grilled Cheese Sandwich w/ Fries

Price

\$ 3.99

Quantity

5

Total

\$ 19.95



Submit



Close

In the above dialog box, we have validated for quantity and food item, the form will be submitted only if we have selected the food item and provided the quantity > 0. In this way we can add multiple order items. Based on the order items the Grand total attribute in the form is updated automatically.

**Edit Order Item:**



JayThom Portfolio-Restaurant App -



Order No.

# 298084

Payment Method


--Select--

CustomerID

--Select--

Grand Total

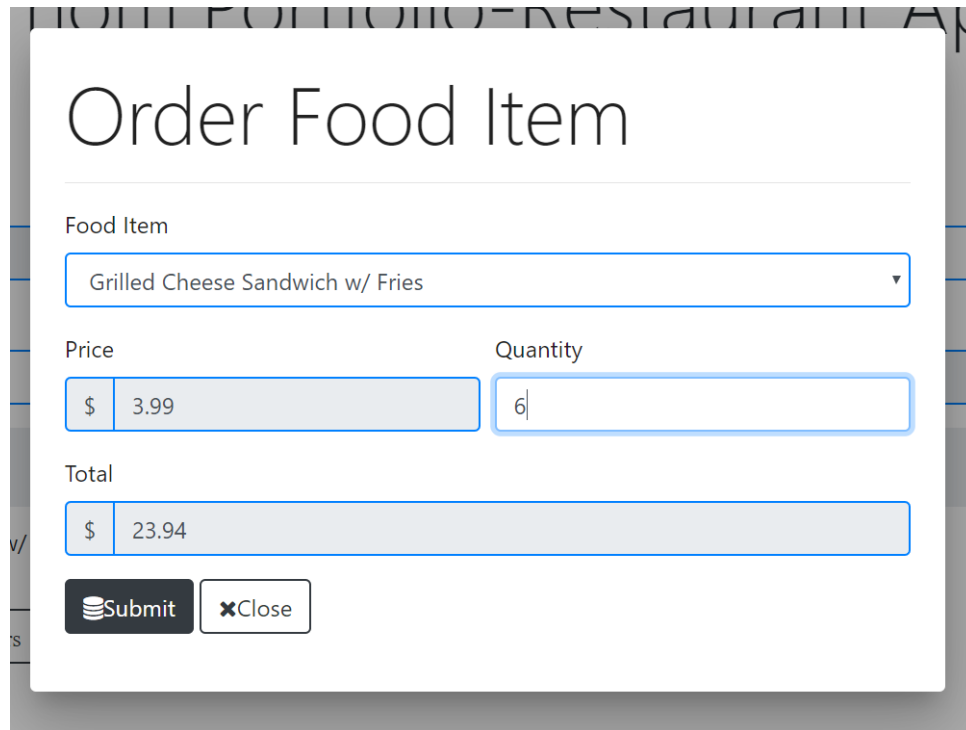
\$ 19.95

Item	Price	Quantity	Total	
Grilled Cheese Sandwich w/ Fries	3.99	5	19.95	

Submit

View Orders

Click on the pencil icon it will automatically open the particular form data values in the dialog box and we can edit them again and save it.



## Order Food Item

Food Item

Grilled Cheese Sandwich w/ Fries

Price: \$ 3.99      Quantity: 6

Total: \$ 23.94

### Delete Order Item:

Click on the trash icon it will automatically delete the inserted order item from the order-item list.



## JayThom Portfolio-Restaurant App -



Order No.	Payment Method
# 298084	--Select--
CustomerID	Grand Total
--Select--	\$ 19.95



Item	Price	Quantity	Total	
Grilled Cheese Sandwich w/ Fries	3.99	5	19.95	<input type="button" value="+Add Item"/>

*Note: A yellow arrow points to the trash icon (a red square with a white trash can) located below the table row for 'Grilled Cheese Sandwich w/ Fries'.*



## Submit Order:

In this I had validated the form in such a way that we need to select the customer, then we need to select the payment and at least we need to add one order item under an order.

JayThom Portfolio-Restaurant App -

Order No.  
# 298084

Payment Method  
--Select--

CustomerID  
--Select--



Grand Total  
\$ 0

Item	Price	Quantity	Total	+Add Item
No Food Item Selected for the Order				

Submit

View Orders

If we provide the valid data, the data will be inserted into the DB and then it will redirect me to the page Orders with the success notification.

JayThom Portfolio-Restaurant App -

JayThom Portfolio - Restaurant  
Application submitted successfully

#Order No.	Customer	P. Method	G. Total	+Create New
757891	Liam Patrick	Cash	12.5	
428669	Charlotte Rose	Card	19.95	
363496	Charlotte Rose	Cash	12.5	
298084	Ayesha Khan	Cash	22.49	

In the above page if we want to create a new order click on Create New and it will redirect you to the Order page.

## Delete Order:

Click on the trash icon we will get an alert message and if we further want to proceed and delete that click on OK. It will delete the item and redirect to the order page.

