JAYTHOM PORTFOLIO

.NET Developer

NAME: LAKSHMI SAKETH CHEBROLU

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1. Introduction
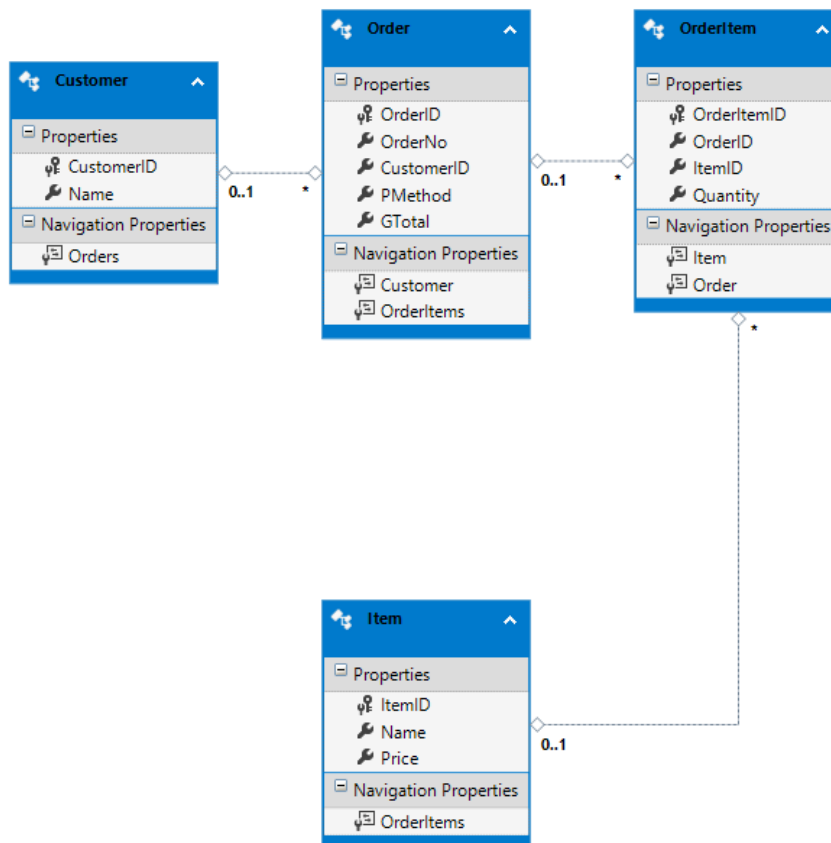
Restaurant Application

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.

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

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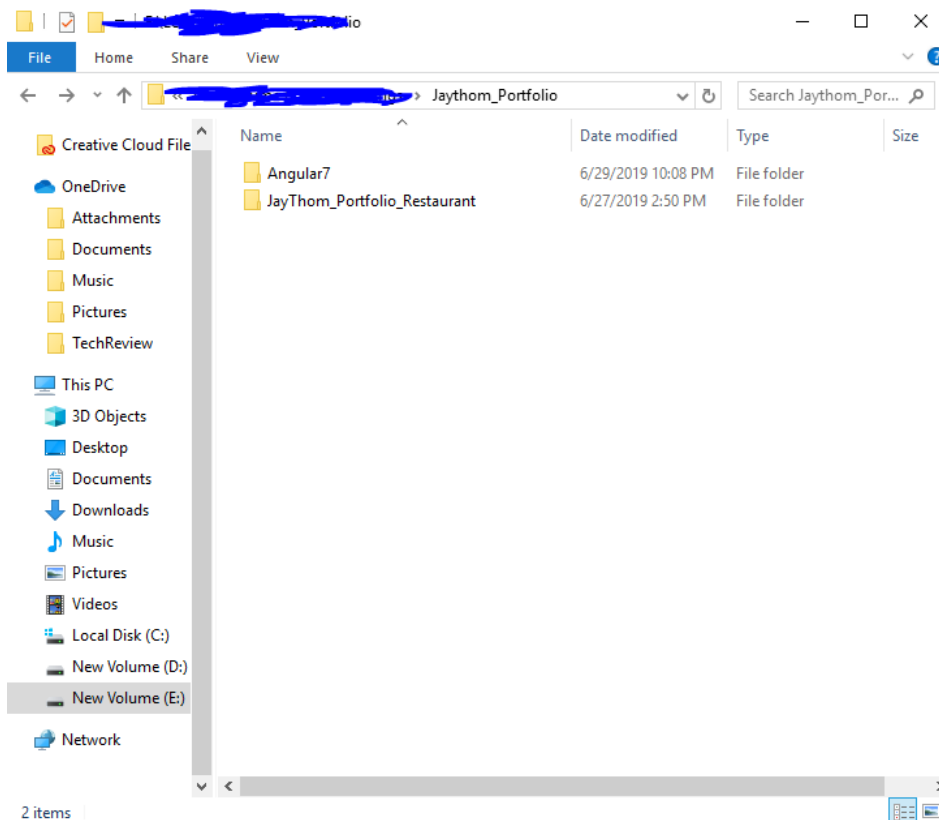
Run the below commands: **cd Angular7** // takes u to the Angular 7 folder

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:

Note: Make sure that WebAPI project is running before running the Angular application. Because the data is retrieved from the web api to the forms.

Create Order Items :

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.
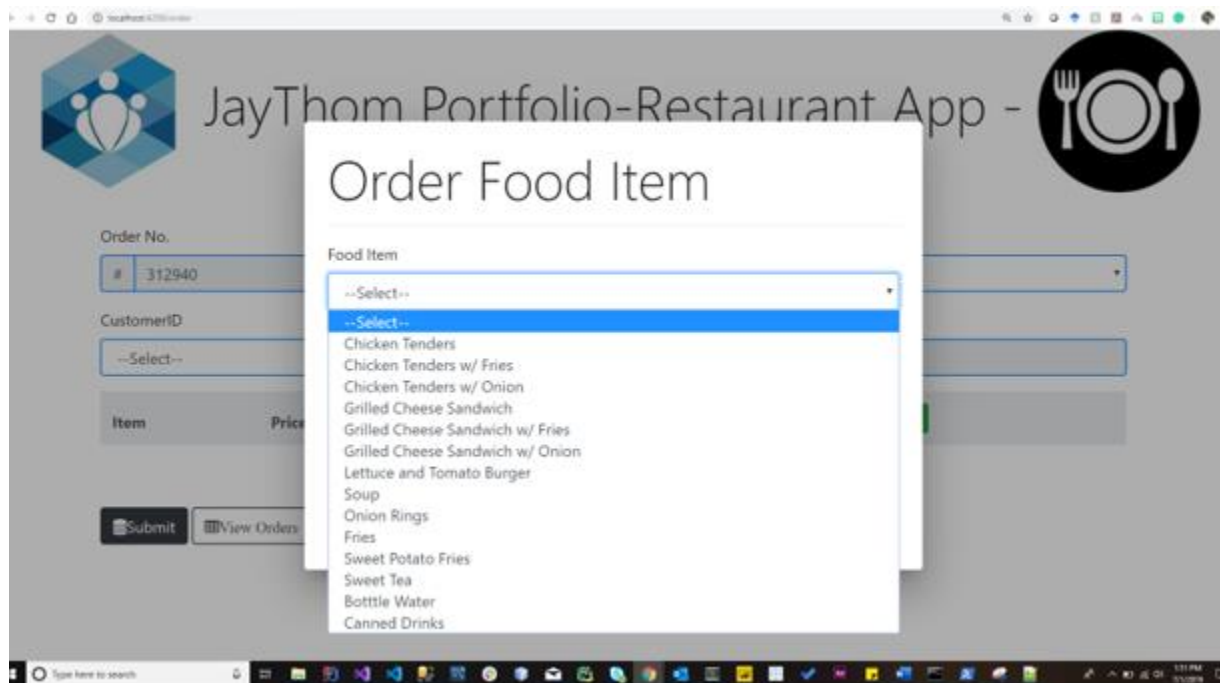
Order Food Item

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:

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.

Delete Order Item:

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

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.

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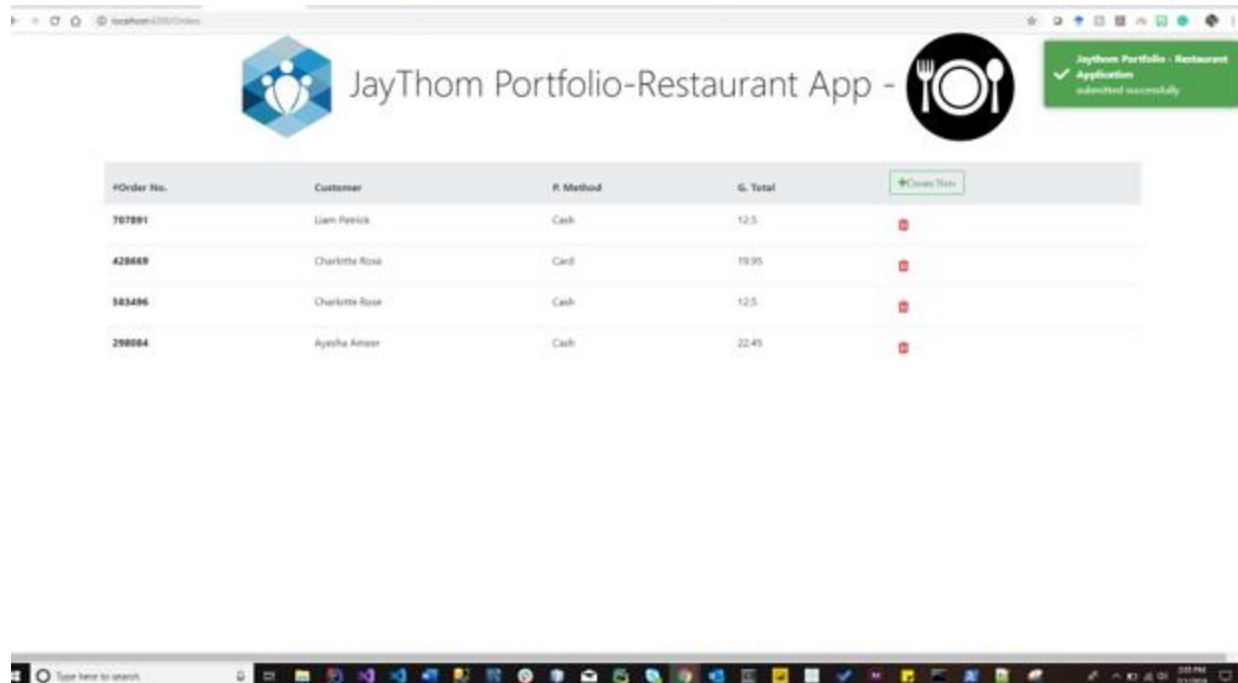
In the above page if we want to create a new order click on Create New and it will redirect you to the Order page.

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.
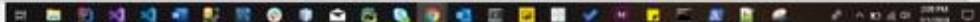
JayThom Portfolio-Restaurant App -

POrder No.	Customer	P. Method	G. Total	+Create New
583496	Charlotte Rosie	Cash	12.5	🗑
298084	Ayesha Ameer	Cash	22.40	🗑