

Order Management System

Specific Requirements

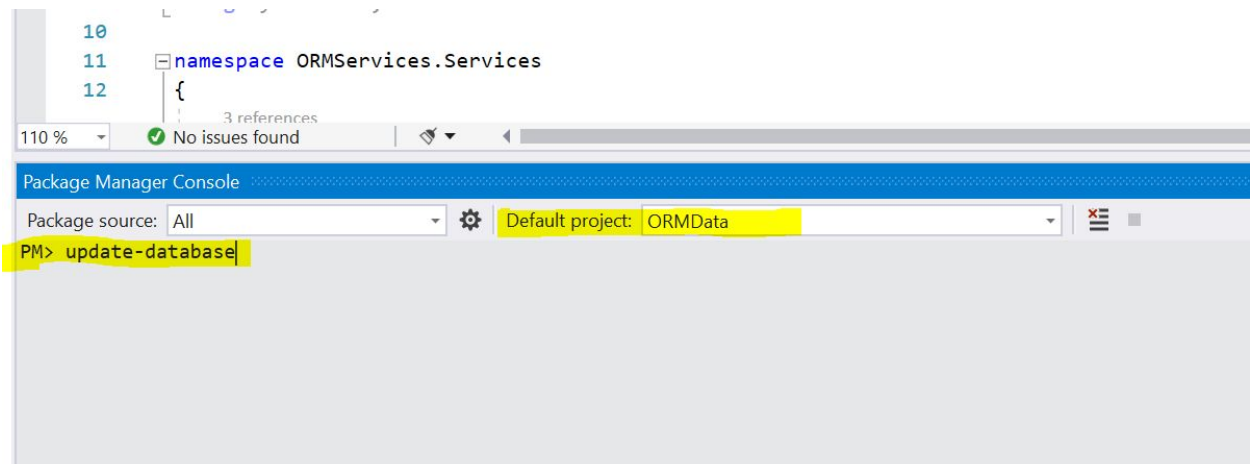
- 1) Entity Framework (Code-First)
- 2) AutoMapper
- 3) Swagger (For Api Documentation)
- 4) Used generic repository
- 5) Used of LINQ

Details Description of Project

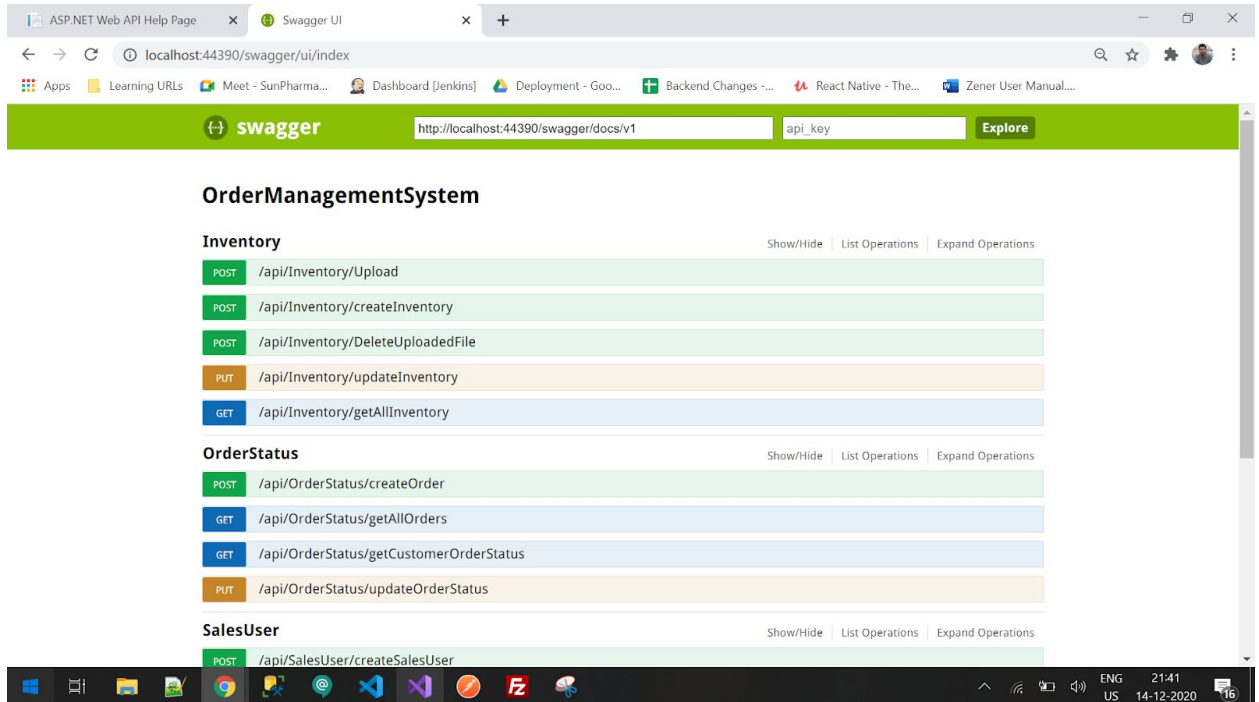
- 1) It is divided into 4 parts. (OrderManagementSystem → ORMServices → ORMDData → ORMMModels.
- 2) Main Project is named as **OrderManagementSystem**, in this we have our controller and **InventoryImages** to save images.
- 3) Our **models(table)** are saved in the **ORMModels**.
- 4) All the business logic is being written in **ORMServices**. In this we have a replica of all the models and Mapping is added.
- 5) All database related queries are written in **ORMData**. All the migrations are added in this project and in the **Repository** folder all the db logic is written.

Before Starting the Project we have to run some master data

- 1) From the visual studio we should update the database. From menu we will select Tools. **Tools → nuget package manager → package manager console**
Make sure the default project should be **ORMData** and in **PM> update-database** and then click enter. These will create the tables with all columns.



- 2) In webConfig apart from **initial catalog=OrderManagement**, will change according to the server details.
- 3) After building the project and running the application we should hit the url <http://localhost:44390/swagger/ui/index> to see all the api's.



- 4) Tables in project are :
- Customers** → All customer personal data is added.
 - Inventories** → All inventory details should be added.
 - InventoryAttachments** → All inventory images will be added.
 - OrderStatus** → All the orders which were added by customers are added here.
 - SalesManInfoes** → All the information of salesman is added here.
 - StatusMasters** → Master data of STATUS is added here.
 - __MigrationHistory** → All the model db migration is added here.

- 5) These script should be run :
- [USE \[OrderManagement\]](#)

```
SET IDENTITY_INSERT [dbo].[StatusMasters] ON
INSERT [dbo].[StatusMasters] ([StatusId], [StatusName]) VALUES (1, N'ALL')
INSERT [dbo].[StatusMasters] ([StatusId], [StatusName]) VALUES (2, N'PLACED')
INSERT [dbo].[StatusMasters] ([StatusId], [StatusName]) VALUES (3, N'APPROVED')
INSERT [dbo].[StatusMasters] ([StatusId], [StatusName]) VALUES (4, N'CANCELLED')
INSERT [dbo].[StatusMasters] ([StatusId], [StatusName]) VALUES (5, N'IN-DELIVERY')
INSERT [dbo].[StatusMasters] ([StatusId], [StatusName]) VALUES (6, N'COMPLETED')
SET IDENTITY_INSERT [dbo].[StatusMasters] OFF
```

GO

```
SET IDENTITY_INSERT [dbo].[SalesManInfoes] ON
```

```
INSERT [dbo].[SalesManInfoes] ([UserId], [LoginDomain], [FirstName], [LastName],
[MobileNumber], [isActive], [CreationDate], [ModificationDate], [CreatedBy],
```

```
[ModifiedBy]) VALUES (1, N'Admin', N'Admin', N'Admin', 12345678, 1,  
CAST(N'2020-12-14T02:46:41.370' AS DateTime), CAST(N'2020-12-14T02:46:41.370'  
AS DateTime), 1, 1)  
SET IDENTITY_INSERT [dbo].[SalesManInfos] OFF
```