

## **Documentation**

### **API Web Service :-**

- Using (3-DDD) Architecture (ProductDAL –ProductBLL – API web service)
- Using API core version 2.2
- Using Dependency Injection in ConfigureServices function.
- Using Swagger Documentation for consuming API .
- Using Repository Design Pattern And Generic Interfaces .
- Register and Allow my Origins ( Front App ) that Running locally on Port 4200 in API web Service.
- Using StaticFiles Middleware to save Images on server .
- Using to special action in my API Service for test only from swagger to Allow upload photo as a File from swagger and I mention to it .
- Using Entity Framework Core( using Code First ) .
- Using Async functions and Apply threading on All Actions .
- Using fluent API in and annotation in my Model .

## **Angular Application**:-

- Using [Angular CLI] Version 7.3.6
- In environment.ts file Using shared array of const values like ( API\_URL ) you can change when you Running Web service on different Port , using (Host\_URL) to get Image from server.
- Using Product Service and Register All End points on It .
- Using Dependency Injection in All component .
- Using observable and Subscriber .
- Using Model and Register Models that using for binding data from API .
- Adding Capability to Export Data in Excel Sheet .