



Create



Read



Update



Delete

# TESODEV CASE API DOCUMENTATION

*API Evaluation and Notification*

DOĞUKAN CANERLER

## Abstract

It is a RestFul WebAPI that I have prepared according to the document instructions I have received from you. In this API, .Net 5.0, C#, MSQQL, EntityFramework, Autofac, Jwt, as well as principles and architectural patterns such as Solid Principles and Layered Architecture has been made. Please evaluate me by considering that I am a Junior developer, my desire to improve myself, my effort and work. I think it is a very simple and useful WebAPI as in the directive. I hope you will be satisfied. I hope I will get a good result and I will have the opportunity to develop good projects with you.

## Api's Mechanics

The images below are the Http requests that can be made for the API and the request schemes accordingly. However, there is one thing we should not forget that all requests in the API can be made by authorized and authenticated users in accordance with the JWT architecture. Therefore, you need to run the database script on GitHub as it is. If the API does not see the necessary authorizations on the user's token on the system, this process results in a 403 Http status code. You should not draw attention to the "nullable" part written in the Schemas section, if the API performs the necessary data validations. In order to be able to operate on the API, you need to log in and get a token and send it with a Bearer - token http request. Otherwise, you cannot do anything on the API.

## API REQUESTS

## Address

POST /api/Address/update

POST /api/Address/delete

POST /api/Address/add

GET /api/Address/GetAll

GET /api/Address/GetAllByCustomer

GET /api/Address/bycustomeraddress

## Auth

POST /api/Auth/login

POST /api/Auth/register

## Customer

POST /api/Customer/update

POST /api/Customer/delete

GET /api/Customer/get

GET /api/Customer/getbymail

GET /api/Customer/getall

## Order

POST /api/Order/createOrder

POST /api/Order/updateOrder

POST /api/Order/deleteOrder

GET /api/Order/get

GET /api/Order/getorderlistbyid

GET /api/Order/getlist

POST /api/Order/changestatus

## OrderContent

POST /api/OrderContent/Add

POST /api/OrderContent/Update

POST /api/OrderContent/Delete

GET /api/OrderContent/getlist

GET /api/OrderContent/get

GET /api/OrderContent/getlistbyid

Products		▼
GET	/api/Products/getall	
GET	/api/Products/get	
POST	/api/Products/add	
POST	/api/Products/update	
POST	/api/Products/delete	

## API SCHEMAS

## Schemas

```
Address ▾ {  
  id                integer($int32)  
  customerId        string  
                   nullable: true  
  adressLine        string  
                   nullable: true  
  city              string  
                   nullable: true  
  country           string  
                   nullable: true  
  cityCode          integer($int32)  
}
```

```
UserForLoginDto ▾ {  
  email            string  
                  nullable: true  
  password         string  
                  nullable: true  
}
```

```
UserForRegisterDto ▾ {  
  email            string  
                  nullable: true  
  password         string  
                  nullable: true  
  firstName        string  
                  nullable: true  
  lastName         string  
                  nullable: true  
}
```

```
Customer ▾ {  
  id              string  
                 nullable: true  
  name            string  
                 nullable: true  
  email          string  
                 nullable: true  
  createdAt      string($date-time)  
  updatedAt      string($date-time)  
  passwordSalt   string($byte)  
                 nullable: true  
  passwordHash   string($byte)  
                 nullable: true  
}
```

```
Order ▾ {  
  id                string  
                   nullable: true  
  customerId        string  
                   nullable: true  
  addressId         string  
                   nullable: true  
  createdAt         string(%date-time)  
  updatedAt         string(%date-time)  
  status            string  
                   nullable: true  
}
```

```
OrderContent ▾ {  
  id                string  
                   nullable: true  
  orderId           string  
                   nullable: true  
  productId         string  
                   nullable: true  
  quantity          number(%double)  
  createdAt         string(%date-time)  
  updatedAt         string(%date-time)  
}
```

```
Product ▾ {  
  id                string  
                   nullable: true  
  productName       string  
                   nullable: true  
  imageUrl          string  
                   nullable: true  
  unitPrice         number(%double)  
}
```