

TESODEV CASE API DOCUMENTATION

API Evaluation and Notification

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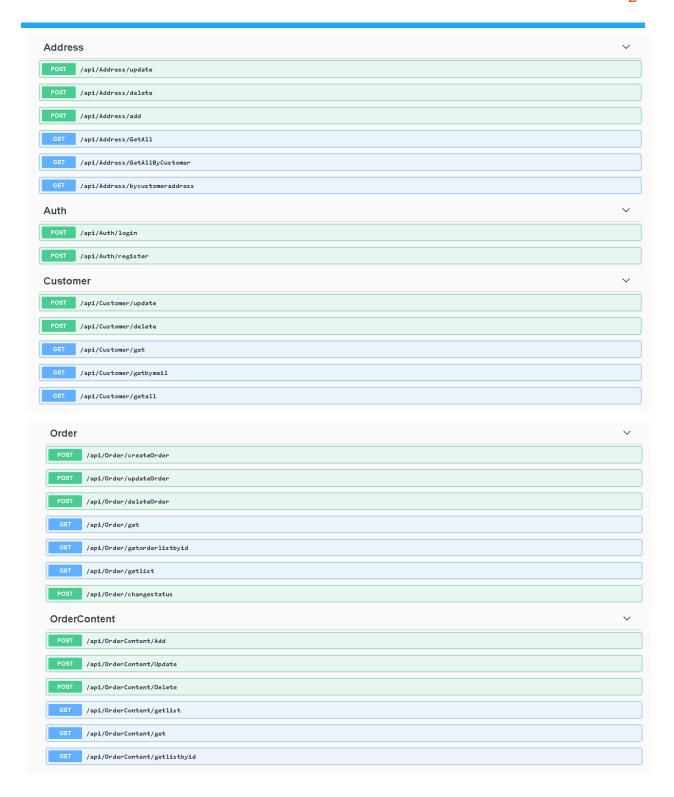
Abstract

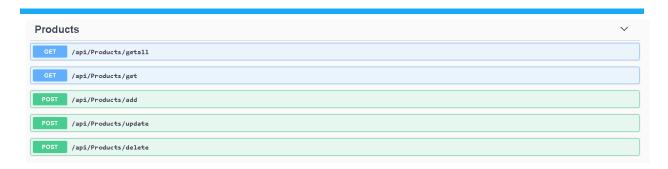
It is a RestFul WebAPI that I have prepared according to the document instructions I have received from you. In this API, .Net 5.0, C#, MSQQL, EntityFramework, Autofac, Jwt, as well as principles and architectural patterns such as Solid Principles and Layered Architecture has been made. Please evaluate 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





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)
}
```

```
Customer ∨ {
   id
                         string
                         nullable: true
                         string
   na∎e
                         nullable: true
   email
                         string
                         nullable: true
                        string($date-time)
string($date-time)
   createdAt
   updatedAt
                       string($byte)
   passwordSalt
                         nullable: true
   passwordHash
                       string($byte)
                         nullable: true
}
```

```
Order 🗸 {
   id
                       string
                       nullable: true
   customerId
                       string
                       nullable: true
   address Id
                       string
                       nullable: true
   createdAt
                      string($date-time)
   updatedAt
                      string($date-time)
   status
                      string
                       nullable: true
}
```

```
OrderContent > {
  id
                       string
                      nullable: true
  orderId
                      string
                      nullable: true
                      string
  product Id
                      nullable: true
  quantity
                     number($double)
  createdAt
                     string($date-time)
  updatedAt
                     string($date-time)
}
```