CUBICFOX JAVA TEST

Initially I added two users and 8 proudcts to DB.

- ## Getting JWT Token

  ## POST : http://localhost:8081/authenticate

  ## Request Body:

//First user

```
{
    "username": "Osma",
    "email": "osma@outlook.com"
}
```

//Second user

```
{
    "username": "Oguzhan",
    "email": "osma@gmail.com"
}
```

After sending request, you should get a response as below:

To be able to do some processes the header always should be like :

Content-Type:application/json

Authorization:Bearer <Token>

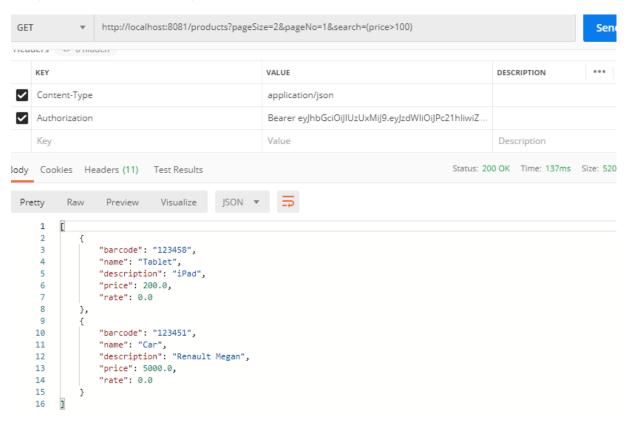- **Getting All Products with Average Rate**

GET : http://localhost:8081/products

The link above will get the all products with default page size.(Default 5)

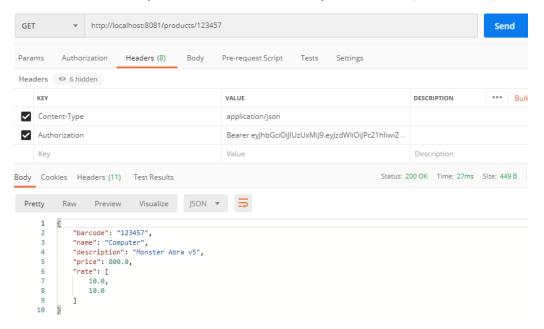For pagination : /products?PageSize=5&PageNo=0

For filtering : /products?search=(price>100) etc.

If you use filtering options and pagination options you will get a response as an example below:

- **Getting a Particular Product with Rates**

  GET : http://localhost:8081/products/{barcode}

- **Updating a Product**

  PUT : http://localhost:8081/product/update/{barcode}

  To be able to update a product **request body** should be as below:

  ```
  {
      "name": "computer",
      "description": "Casper Nirvana C5",
      "price": 800.0
  }
  ```

  If you add it correctly you'll get "200 OK" response. Additionally if you try to update the other user's product it'll show a message as below:

- **Giving a Rate for Product**

  POST : http://localhost:8081/rate/{barcode}

Request Body:

```
{
    "rate": <Number>
}
```