## **Demo Application**

# Jalankan Main Class / Program

```
    Revin Octavianus Halim
    @SpringBootApplication

    Run 'MajuMundurWebA....main()' Ctrl+Shift+F10
    Debug 'MajuMundurWebA....main()'
    Run 'MajuMundurWebA....main()' with Coverage Modify Run Configuration...
}

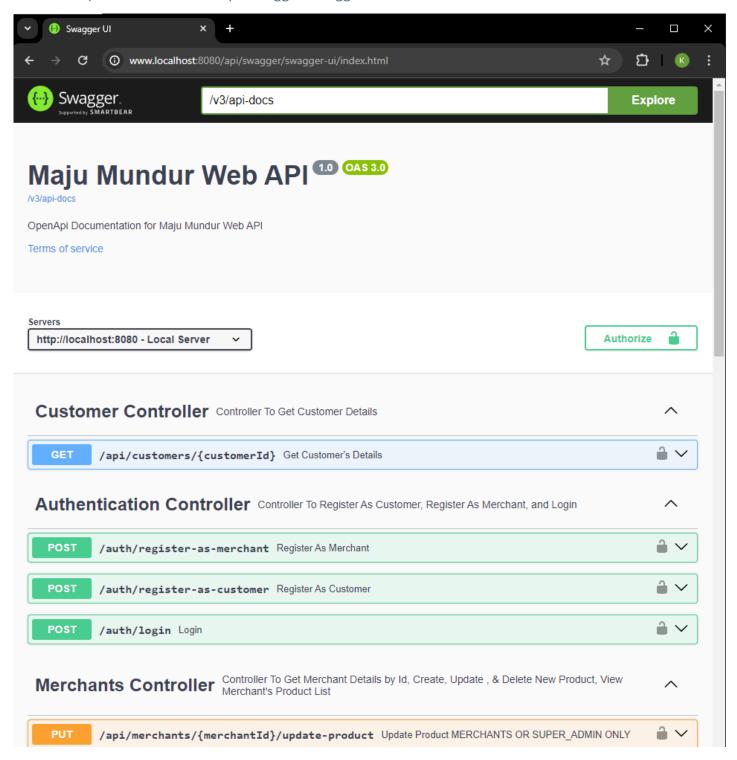
SpringApplication.run(MajuMundurWebApiApplication.clαss, args); }
```

```
Tomcat started on port 8080 (http) with context path ''
Started MajuMundurWebApiApplication in 5.534 seconds (process running for 5.9)
```

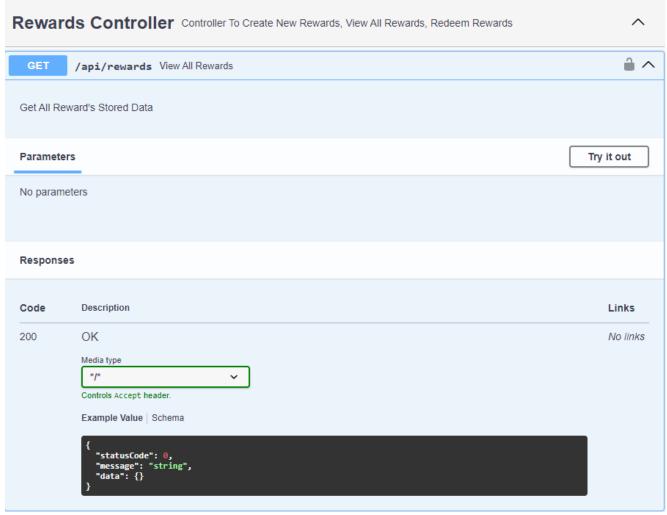
Dapat terlihat bahwa port web api adalah 8080, maka URL untuk membuka Webnya adalah http://localhost:8080/

## **Buka Swagger UI**

http://localhost:8080/api/swagger/swagger-ui/index.html



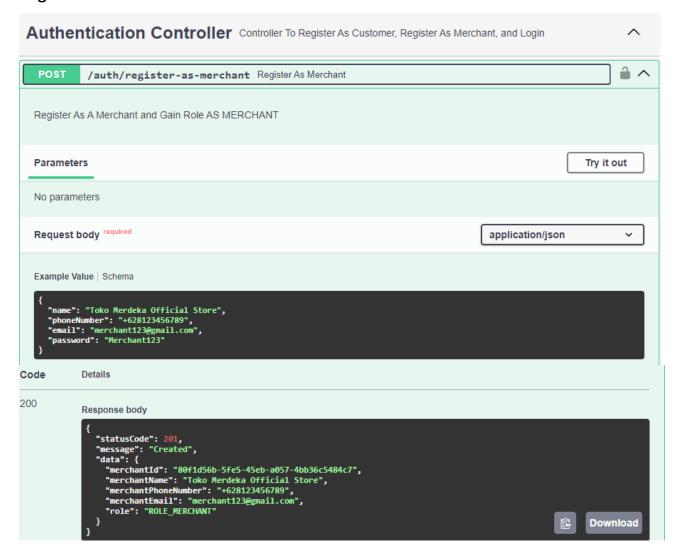
#### **View Available Rewards**



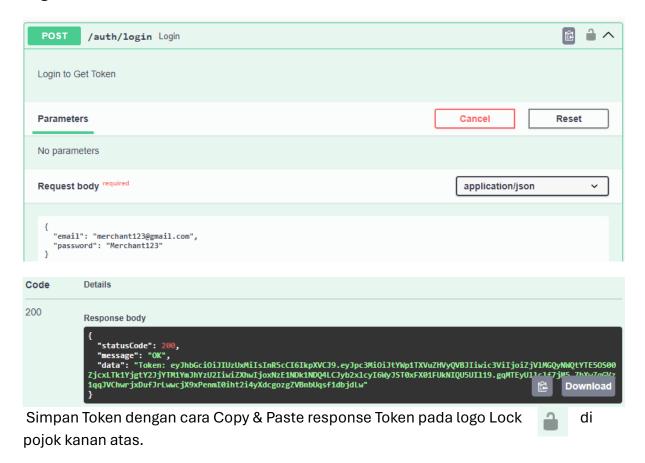
## **Output**

#### **Merchant's Flow**

## **Register As Merchant**

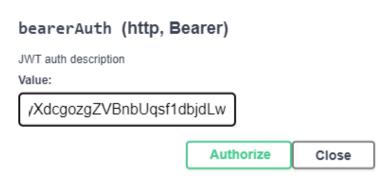


## Login



# Available authorizations

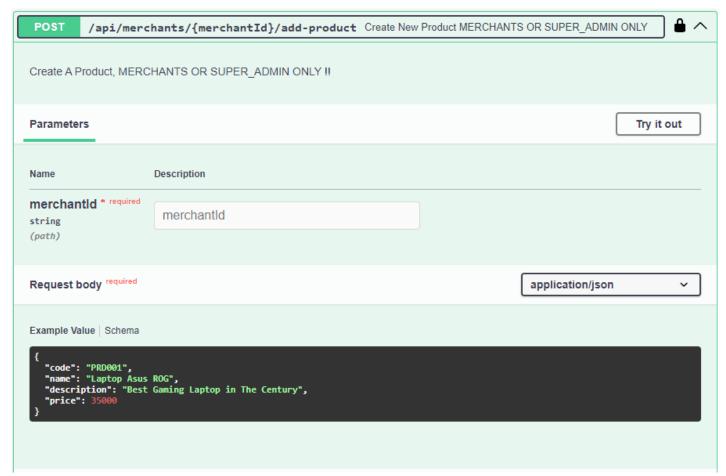
×



Setelah Authorize maka Logo Lock tadinya akan berubah menjadi



#### **Create New Product**



Gunakan merchantId yang tadi muncul pada ResponseBody saat selesai Register atau bisa juga akses database langsung untuk mendapatkan ID merchant.

```
Code Details

Response body

{
    "statusCode": 201,
    "message": "Created",
    "data": {
        "merchantId": "80f1d56b-5fe5-45eb-a057-4bb36c5484c7",
        "merchantName": "Toko Merdeka Official Store",
        "productId": "02020216-d608-49d8-84d5-bde4d80dbd09",
        "productCode": "PRD001",
        "productName": "Laptop Asus ROG",
        "productPrice": 35000
    }
}

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```

### Mari buat 1 produk lagi

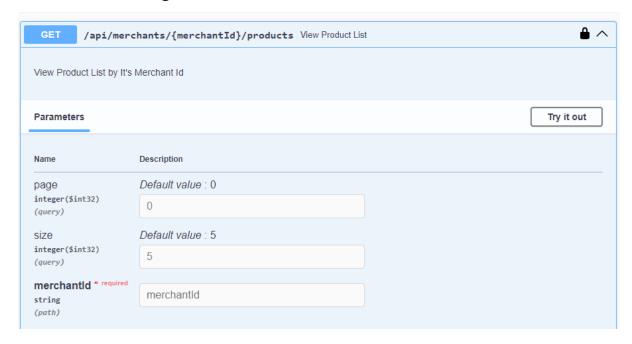
```
Code Details

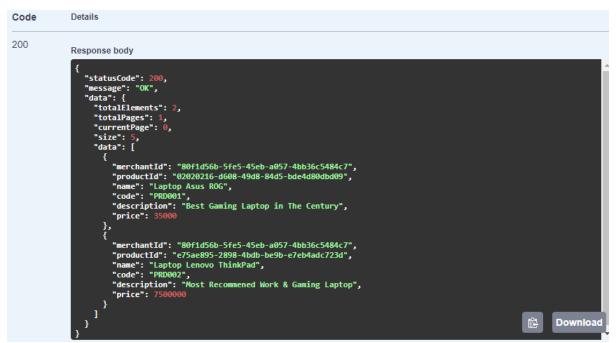
Response body

{
    "statusCode": 201,
    "message": "Created",
    "data": {
        "merchantId": "80f1d56b-5fe5-45eb-a057-4bb36c5484c7",
        "merchantName": "Toko Merdeka Official Store",
        "productId": "e75ae895-2898-4bdb-be9b-e7eb4adc723d",
        "productCode": "PRD002",
        "productName": "Laptop Lenovo ThinkPad",
        "productPrice": 75000000
    }
}

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```

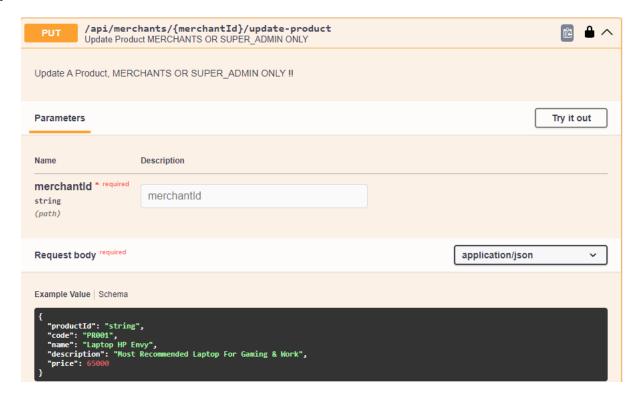
## **Melihat Product List Yang Dimiliki Merchant**





Apabila Size saya ubah menjadi 1, maka setiap page hanya akan menampilkan 1 buah data.

### **Update Product**



```
Code Details

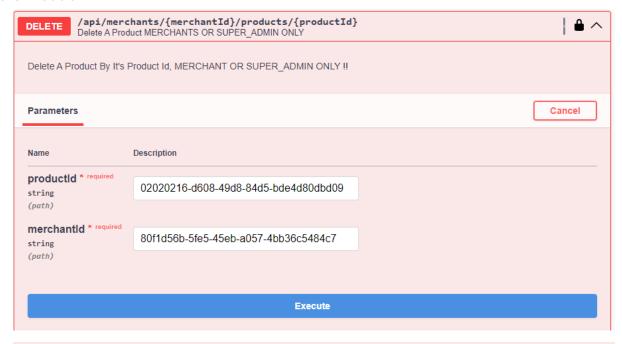
Response body

{
    "statusCode": 200,
    "message": "OK",
    "data": {
        "merchantId": "80f1d56b-5fe5-45eb-a057-4bb36c5484c7",
        "merchantName": "Toko Merdeka Official Store",
        "productId": "0202016-d608-49d8-84d5-bde4d80dbd09",
        "productCode": "PR001",
        "productCode": "Laptop HP Envy",
        "productDescription": "Most Recommended Laptop For Gaming & Work",
        "productPrice": 65000
    }
}

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```

#### Mari lihat perubahannya

#### **Delete Product**



```
Code Details

Response body

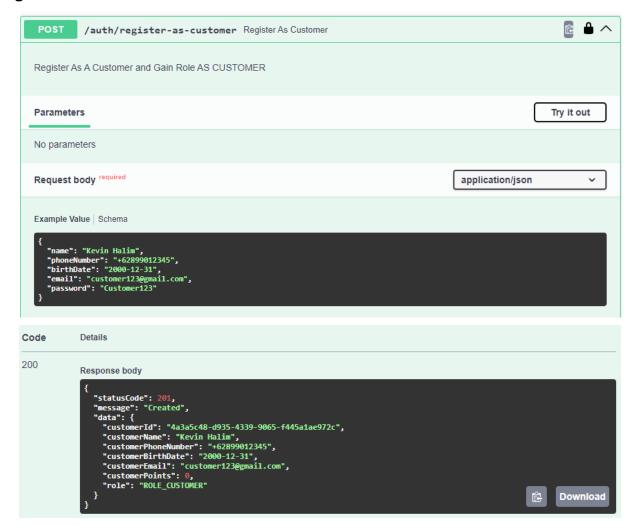
{
    "statusCode": 200,
    "message": "OK",
    "data": "Product Deleted"
}

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```

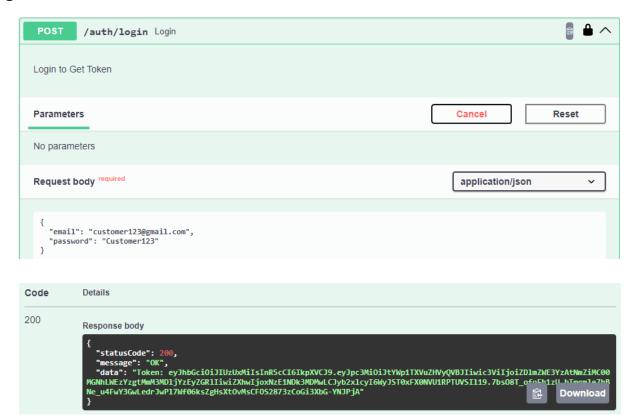
### Mari lihat perubahannya

#### **Customers Flow**

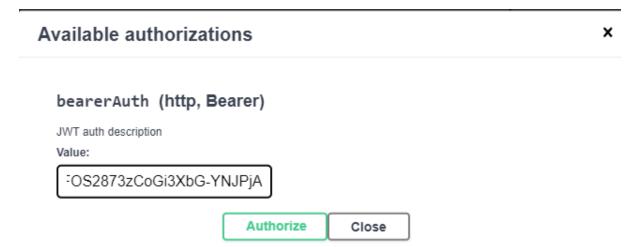
### **Register As Customer**



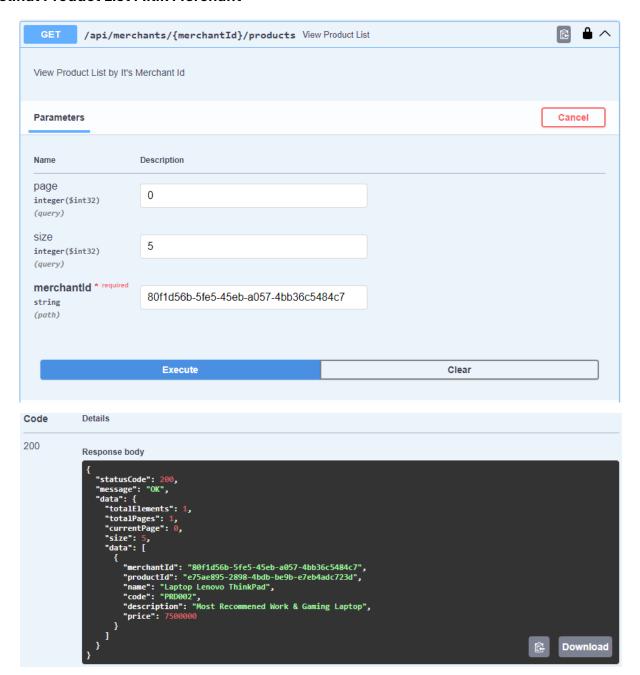
## **Login As Customer**



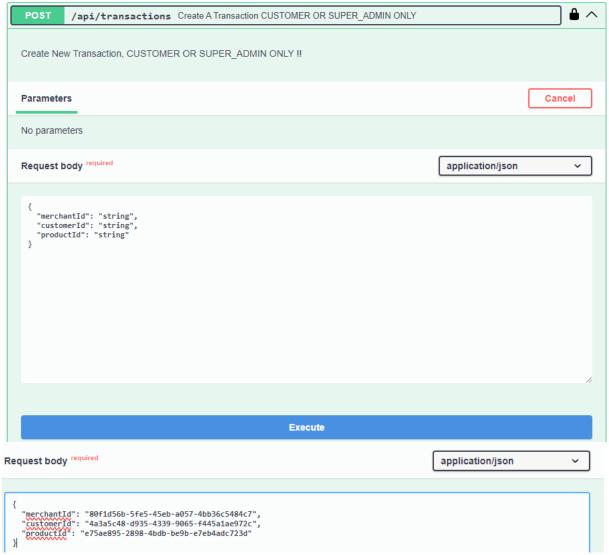
Lakukan hal yang sama seperti saat login as Merchant yaitu dengan Copy & Paste Token pada response di Authorization Lock.



### **Melihat Product List Milik Merchant**

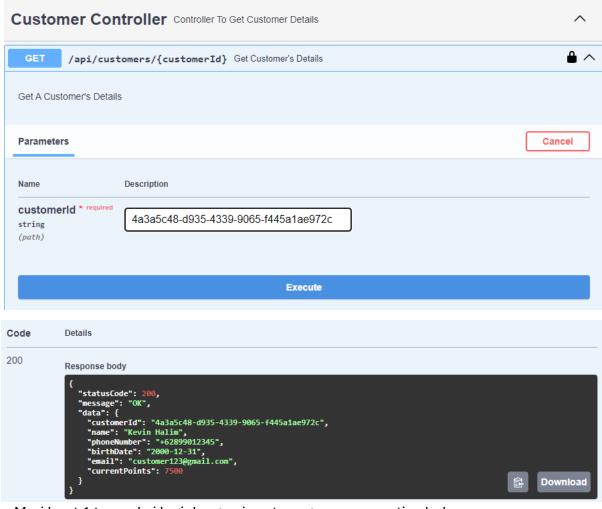


#### **Create Transaction**



Earned Points didapatkan dari Price / 1.000, sehingga untuk setiap kelipatan 1.000 customer mendapatkan 1point. Perhitungan point bisa diubah dalam codingan dengan mudah jika diperlukan.

#### View Customer's Details



Mari buat 1 transaksi lagi dengan input yang sama seperti sebelumnya

```
Code Details

Response body

{
    "statusCode": 201,
    "message": "Created",
    "data": {
        "transactionDate": "Sun May 12 13:52:48 WIB 2024",
        "merchantId": "80f1d56b-5fe5-45eb-a057-4bb36c5484c7",
        "merchantName": "Toko Merdeka Official Store",
        "customerName": "Kevin Halim",
        "productId": "e75ae895-2898-4bdb-be9b-e7eb4adc723d",
        "productCode": "PRD002",
        "productCode": "PRD002",
        "productName": "Laptop Lenovo ThinkPad",
        "price": 75000000,
        "earnedPoints": 7500

}

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```

Mari kita lihat perubahan point milik customer saat ini setelah terjadi transaksi

### baru

```
Code Details

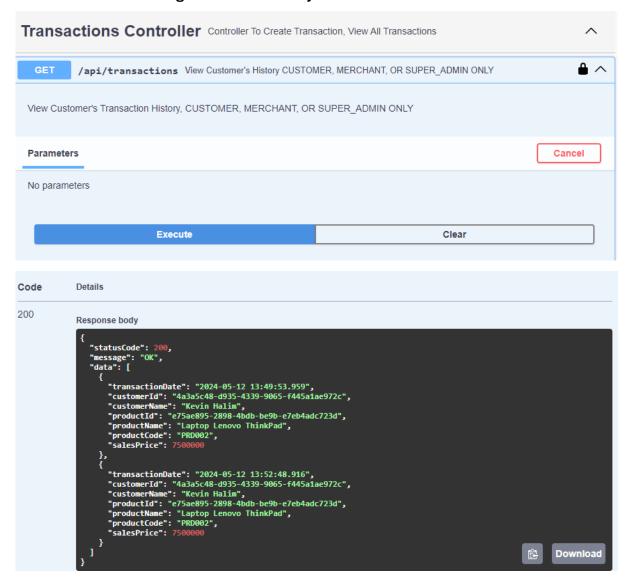
Response body

{
    "statusCode": 200,
    "message": "0K",
    "data": {
        "customerId": "4a3a5c48-d935-4339-9065-f445a1ae972c",
        "name": "Kevin Halim",
        "phoneNumber": "-62899012345",
        "birthDate": "2000-12-31",
        "email": "customer123egmail.com",
        "currentPoints": 15000

}

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```

## Melihat Customer Yang Pernah Berbelanja



#### **Redeem Reward**

