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Tugas : Final Project

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## Versi Local MySQL dengan Swagger

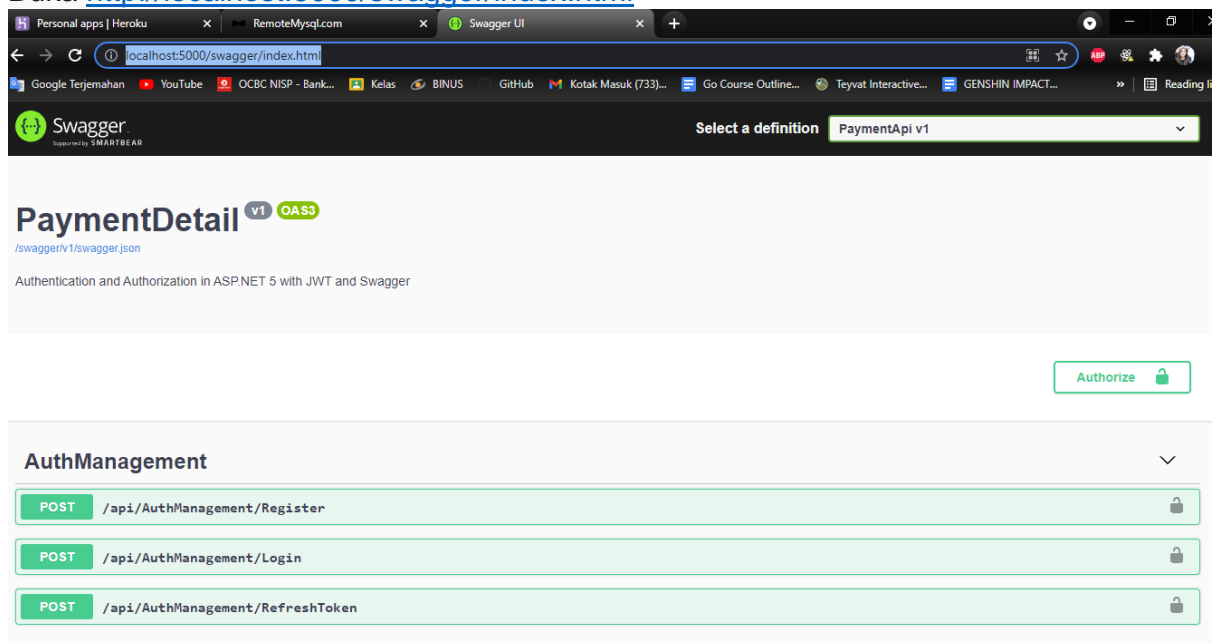
1. Masuk ke folder `\FinalProject\MySQL\PaymentApi\PaymentApi>`

```
PS C:\FinalProject\MySQL\PaymentApi\PaymentApi> cd .\PaymentApi\  
PS C:\FinalProject\MySQL\PaymentApi\PaymentApi>
```

2. Jalankan Dotnet Run (sebelumnya pastikan Xampp mysql dah running)

```
PS E:\1_OCBC\FullstackDev1\C#\sesi14\FinalProject\MySQL\PaymentApi\PaymentApi> dotnet run  
Building...  
info: Microsoft.Hosting.Lifetime[0]  
Now listening on: https://localhost:5001  
info: Microsoft.Hosting.Lifetime[0]  
Now listening on: http://localhost:5000  
info: Microsoft.Hosting.Lifetime[0]  
Application started. Press Ctrl+C to shut down.  
info: Microsoft.Hosting.Lifetime[0]  
Hosting environment: Development  
info: Microsoft.Hosting.Lifetime[0]  
Content root path: E:\1_OCBC\FullstackDev1\C#\sesi14\FinalProject\MySQL\PaymentApi\PaymentApi
```

3. Buka <http://localhost:5000/swagger/index.html>



4. Test Method Post Register Endpoint:

```
http://localhost:5000/api/AuthManagement/Register
```

Request Body:

curl

```
curl -X POST "http://localhost:5000/api/AuthManagement/Register" -H "accept: */*" -H "Content-Type: application/json" -d '{"username":"\Armando\","\email":"\armando@example.com\","\password":"\Pass1234!\"}'
```

Request URL

```
http://localhost:5000/api/AuthManagement/Register
```

Server response

Code	Details
400 <i>Undocumented</i>	<div>Error: Bad Request</div> <div>Response body</div> <div><pre>{   "token": null,   "refreshToken": null,   "success": false,   "errors": [     "Email already in use"   ] }</pre></div> <div>Response headers</div>

```
Curl
curl -X POST "http://localhost:5000/api/AuthManagement/Register" -H "accept: */*" -H "Content-Type: application/json" -d "{
  \"username\": \"Armando\", \"email\": \"armando20@example.com\", \"password\": \"Pass1234!\" }"

Request URL
http://localhost:5000/api/AuthManagement/Register

Server response
Code    Details
400     Error: Bad Request
Undocumented
Response body
{
  "token": null,
  "refreshToken": null,
  "success": false,
  "errors": [
    "Username 'Armando' is already taken."
  ]
}
```

```
Curl
curl -X POST "http://localhost:5000/api/AuthManagement/Register" -H "accept: */*" -H "Content-Type: application/json" -d '{"username":"Armando200\","email":"armando200@example.com\/","password":"Pass1234!\"}'
```

Request URL

http://localhost:5000/api/AuthManagement/Register

Server response

Code	Details
200	<p>Response body</p> <pre>{   "result": {     "token":       "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjY1Nm1xNGQ3LTJmYjgtNDQ5ZS05ODMwEYyLmlkcyZ3PmY5MzEwMSIsImVtYWlsIjoiyYXJtYn5kbzIwMEBleGftcGx1LnNvb5SisInm1YiI6ImFybWVuZG8yMDBAZXhhbXBzZS55bjB0A1LTQ3QWEtOTYxZS02NDZQNTF-JNTA1YzY5LiJ0UmVhIOje2MzQ4Mzk2MjEsImV4cCI6MTYzNDg0MTQyNSwiaWF0IjoxNDhjMD00PSNjlxfQ.aU3uuHz87YeAkUY0gwA3PuzIX1IBEmc8IqIC03dkZ4o",     "refreshToken": "XXRXMBLD3HFXS848GNDDR1Z3KDLMXAGROEc2005b6b-b0bb-424d-b2ae-f85225555c7c",     "success": true,     "errors": null   },   "id": 1,   "exception": null,   "status": 0,   "isCanceled": false,   "isCompleted": true,   "isCompletedSuccessfully": true,   "creationOptions": 0,   "asyncState": null,   "isFaulted": false }</pre>

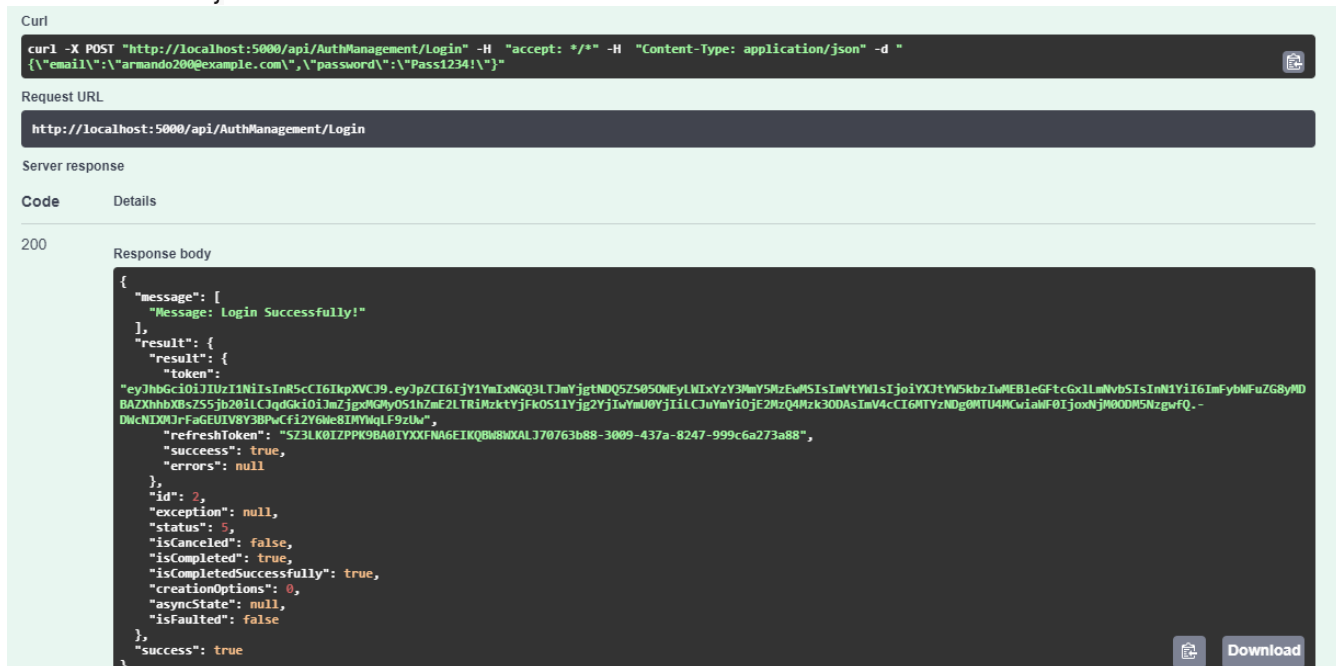
Gambar 4.3 Post Register - Berhasil

### 5. Test Method Post Login Endpoint:

```
http://localhost:5000/api/AuthManagement/Login
```

### Request Body:

```
{
  "email": "user@example.com",
  "password": "string"
}
```



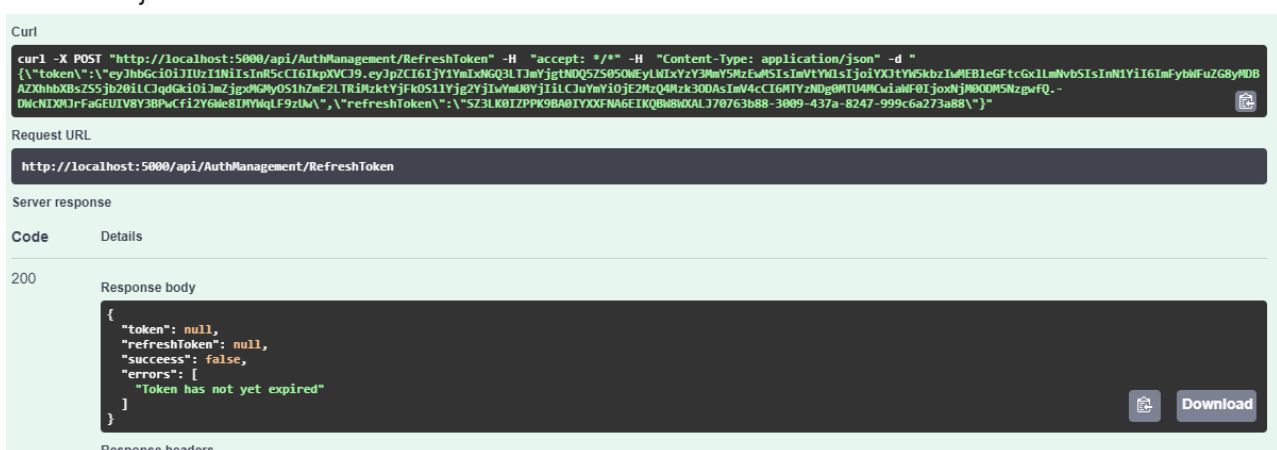
Gambar 5.1 Post Login - Berhasil

## 6. Test Method Post Refresh Token Endpoint:

```
http://localhost:5000/api/AuthManagement/RefreshToken
```

Request Body:

```
{
  "token": "string",
  "refreshToken": "string"
}
```



## 7. Test Method Get All PaymentDetail Endpoint: (with Authorize)

```
http://localhost:5000/api/PaymentDetail
```

Request Body: -

```
Curl
curl -X GET "http://localhost:5000/api/PaymentDetail" -H "accept: */*" -H "Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjY1YmIxNGQ3LTJmYjgtNDQ5ZS05OWEiLCJmYWVudCkiOiJjb201ClQqdGkiOiJmZjpxdGMwOS1hZmE2LTRlbnZktYjFkOS1lYjg2YjYiWmM0YyjiILCjUybmYiOjE2MzQ4Mzk3ODAsImV4cCI6IjE2MTYzNDg0WTU0MwcuianF0IjozdjM0MDM5NzgwfQ." -DwNlXUJrFaGEUIv8Y3BPwCf2Y6Me8IMYMqLf9z0w"
```

Request URL

http://localhost:5000/api/PaymentDetail

Server response

Code	Details
200	<p>Response body</p> <pre>[{"paymentDetailId": 1, "cardOwnerName": "Armando Frans", "cardNumber": "1234567890", "expirationDate": "2025-12-31", "securityCode": "12345"}]</pre> <p>Response headers</p>

## 8. Test Method Post Insert PaymentDetail Endpoint:

```
http://localhost:5000/api/PaymentDetail
```

Request Body:

```
{
  "paymentDetailId": 0,
  "cardOwnerName": "string",
  "cardNumber": "string",
  "expirationDate": "string",
  "securityCode": "string"
}
```

```
Curl
curl -X POST "http://localhost:5000/api/PaymentDetail" -H "accept: */*" -H "Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.ejYpZC1G1gYlVmIiwiaWVudGQ3LTJmVjgtNDQ5ZS05OmEyLWIxYzY3MwY5MzEwIiwiaWF0IjoiYXItYnV5bKzIWwB1eGFtcGx1bmNvbSIsInN1YiI6ImFybmFuZG8yZG8yMDBAZXhhbXBzZS55b20ilCjQdGkioIiZjgdWMyOSh1ZmE2LXR1cmZtYjYfK0S11Yjg2YjIwYmU0YjllClJuYmViojE2MzQzMzk3ODAsImV4CiG1MTYzNDg0MTU4MCwiYWFlO1JoXNjM0ODMsNmZngfwf.-DwcNDWMJrFaEUIV8Y3BPwCFi2YGMe8IMYmqLF9zUw" -H "Content-Type: application/json" -d '{"paymentDetailId":0,"cardOwnerName":"026_Armando","cardNumber":"","expirationDate":"","securityCode":""}'
```

Request URL

http://localhost:5000/api/PaymentDetail

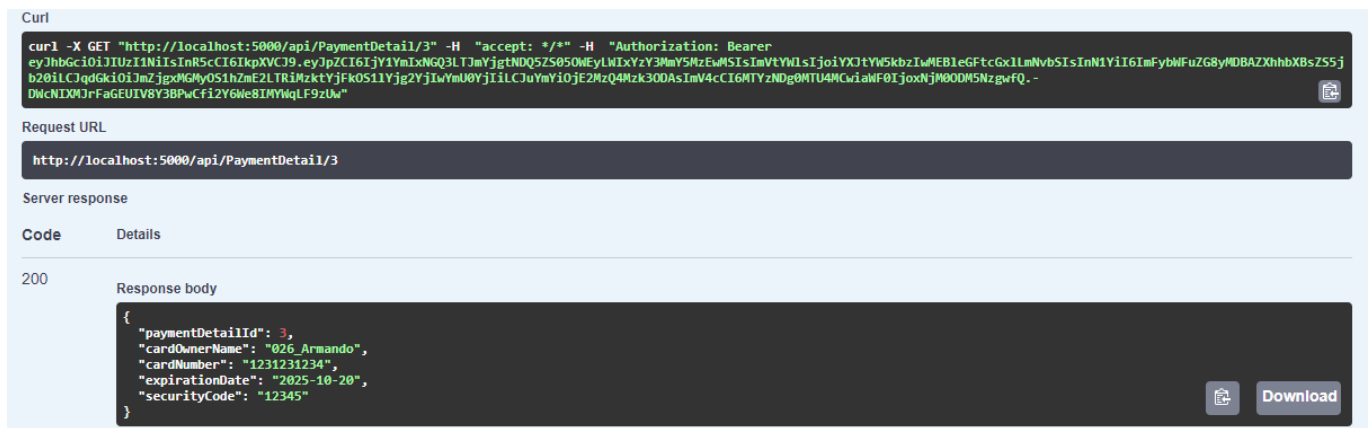
Server response

Code	Details
201 <i>Undocumented</i>	<p>Response body</p> <pre>{   "paymentDetailId": 3,   "cardOwnerName": "026_Armando",   "cardNumber": "1231231234",   "expirationDate": "2025-10-20",   "securityCode": "12345" }</pre>

## 9. Test Method Get PaymentDetail by ID Endpoint:

```
10. http://localhost:5000/api/PaymentDetail/{id}
```

Request Body: -



### 11. Test Method Put Edit PaymentDetail by Id Endpoint:

```
http://localhost:5000/api/PaymentDetail/{id}
```

## Request Body:

```
{
  "paymentDetailId": 0,
  "cardOwnerName": "string",
  "cardNumber": "string",
  "expirationDate": "string",
  "securityCode": "string"
}
```



Gambar 11.1 Berhasil Update data 1



```
http://localhost:5000/api/PaymentDetail/{id}
```

Request URL

http://localhost:5000/api/PaymentDetail

Server response

Code	Details
200	<p>Response body</p> <pre>[   {     "paymentDetailId": 1,     "cardOwnerName": "Armando Francisco Ongko",     "cardNumber": "2020202020",     "expirationDate": "2030-12-31",     "securityCode": "20002"   },   {     "paymentDetailId": 3,     "cardOwnerName": "026_Armando",     "cardNumber": "1231231234",     "expirationDate": "2025-10-20",     "securityCode": "12345"   } ]</pre> <p>Response headers</p>

Gambar 12.1 Get All Data sebelum Delete Id 1



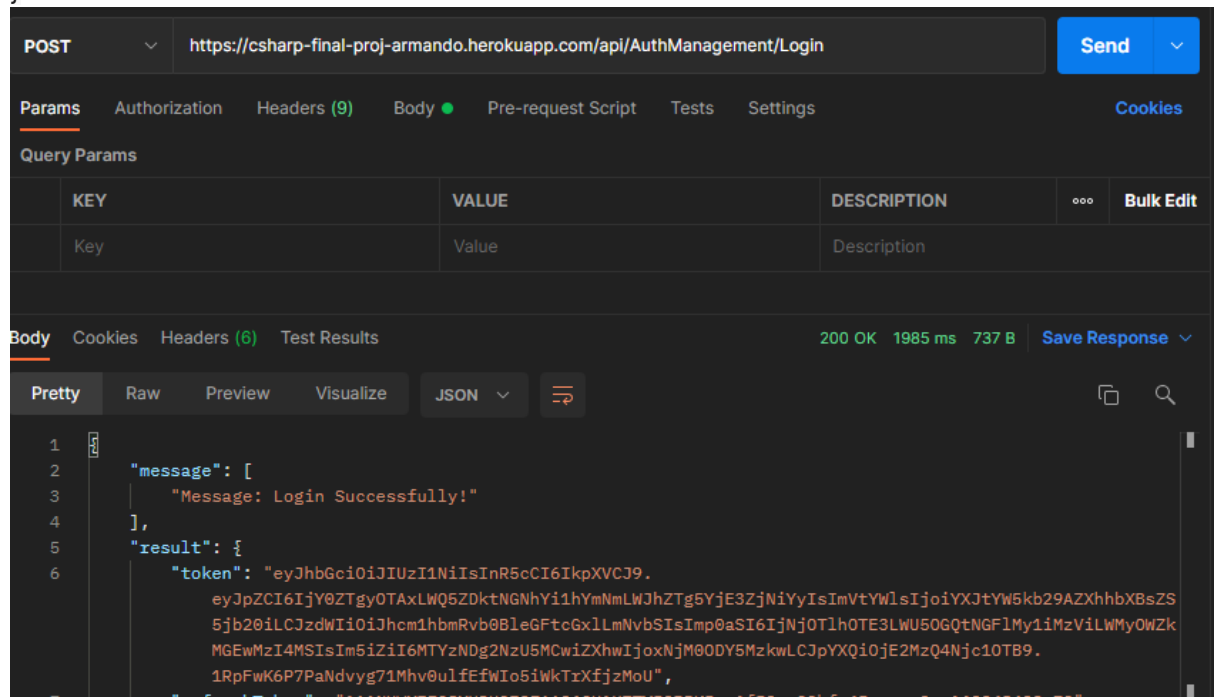


#### 14. Test Method Post Login Endpoint:

<https://csharp-final-proj-armando.herokuapp.com/api/AuthManagement/Login>

Request Body:

```
{
  "email": "user@example.com",
  "password": "string"
}
```



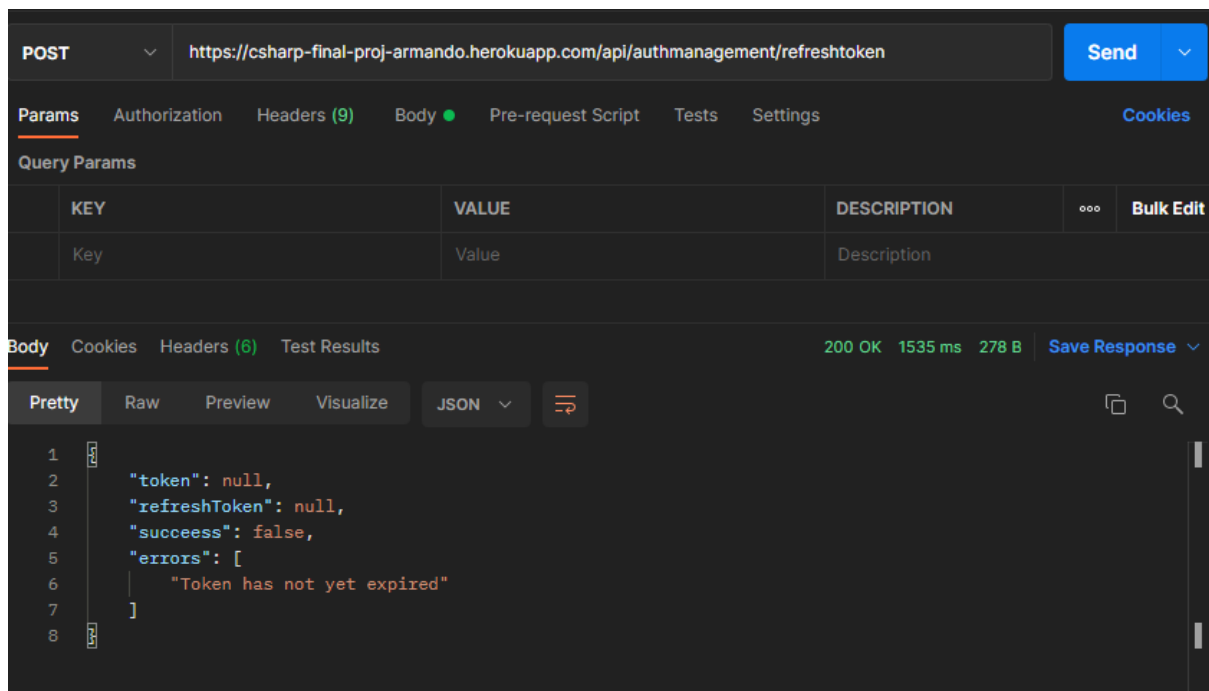
### 15. Test Method Post Refresh Token Endpoint:

```
http://localhost:5000/api/AuthManagement/RefreshToken
```

Request Body:

```
{
  "token": "string",
  "refreshToken": "string"
}
```

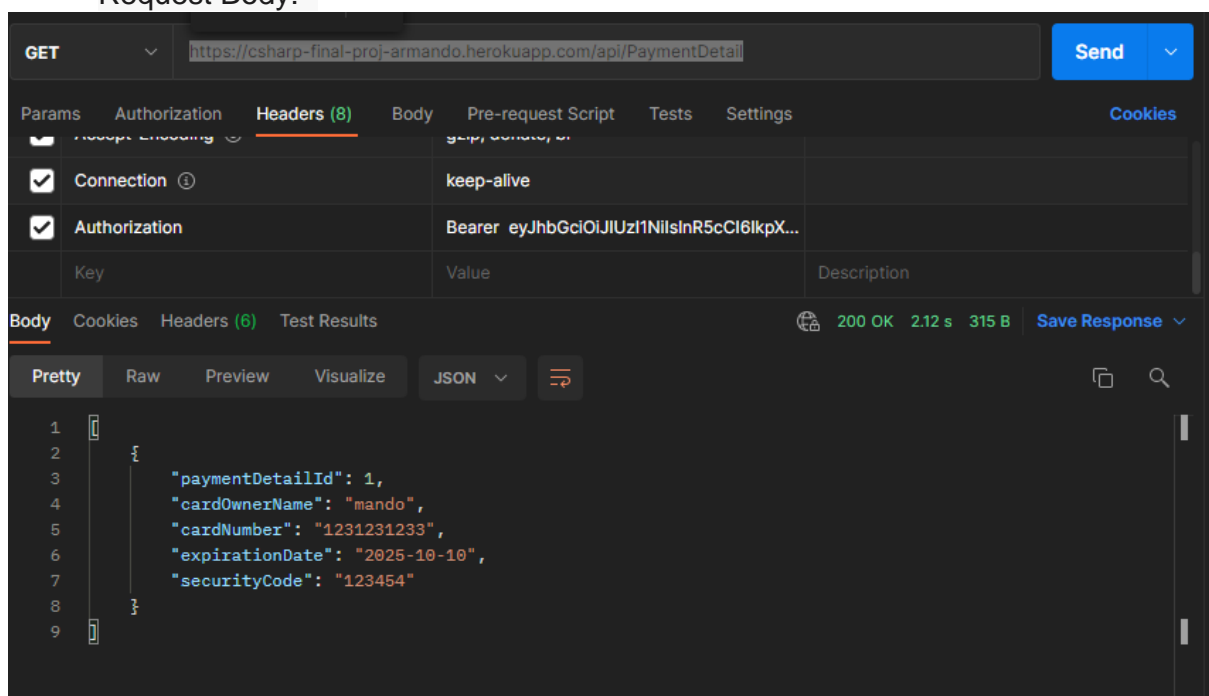




#### 16. Test Method Get All PaymentDetail Endpoint: (with Authorize)

<https://csharp-final-proj-armando.herokuapp.com/api/PaymentDetail>

Request Body: -

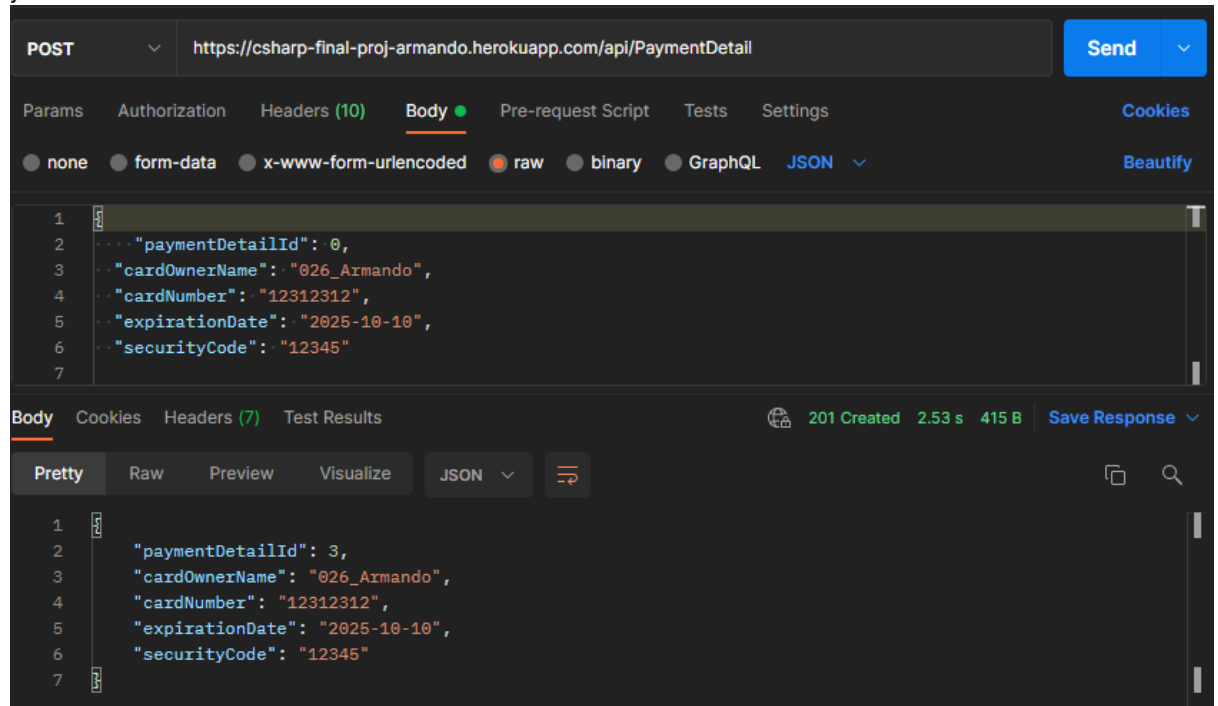


#### 17. Test Method Post Insert PaymentDetail Endpoint:

<https://csharp-final-proj-armando.herokuapp.com/api/PaymentDetail>

Request Body:

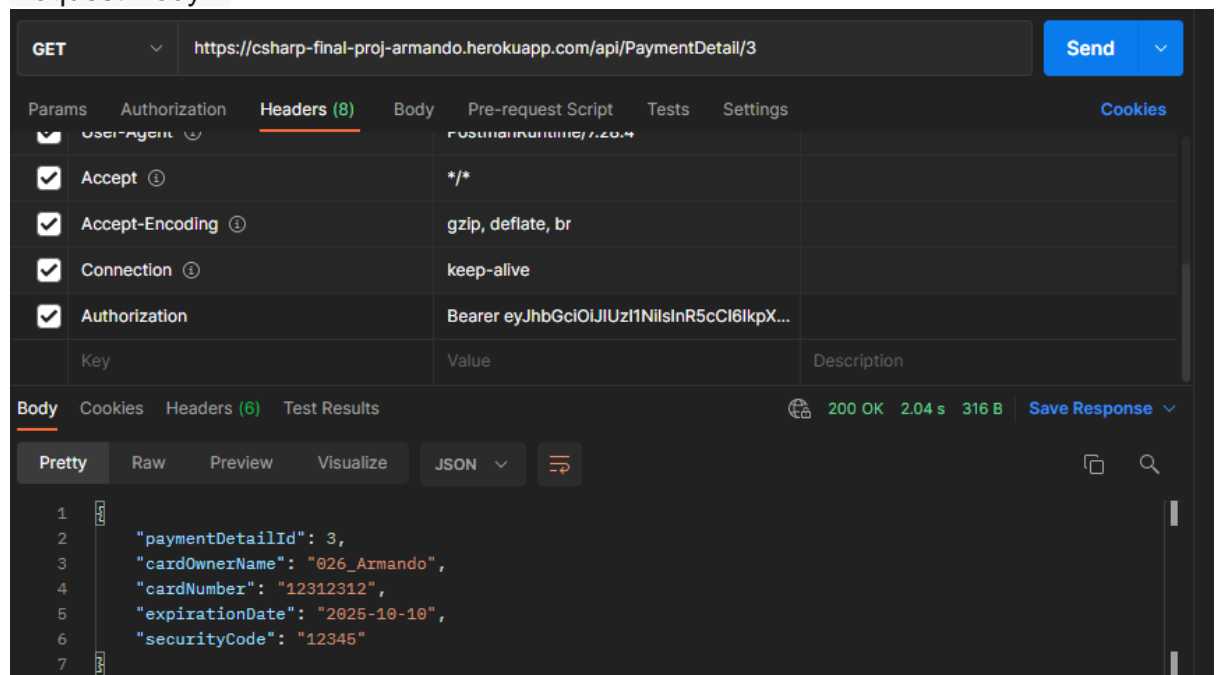
```
{
  "paymentDetailId": 0,
  "cardOwnerName": "string",
  "cardNumber": "string",
  "expirationDate": "string",
  "securityCode": "string"
}
```



## 18. Test Method Get PaymentDetail by ID Endpoint:

<https://csharp-final-proj-armando.herokuapp.com/api/PaymentDetail/{id}>

Request Body: -

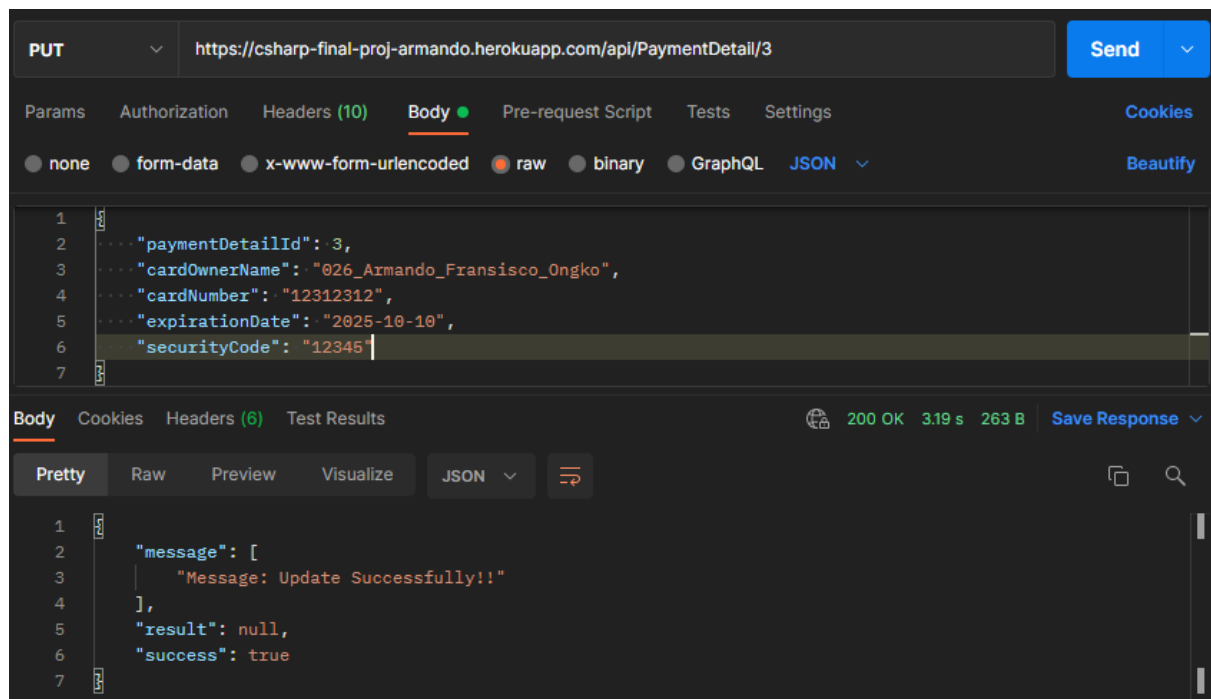


19. Test Method Put Edit PaymentDetail by Id Endpoint:

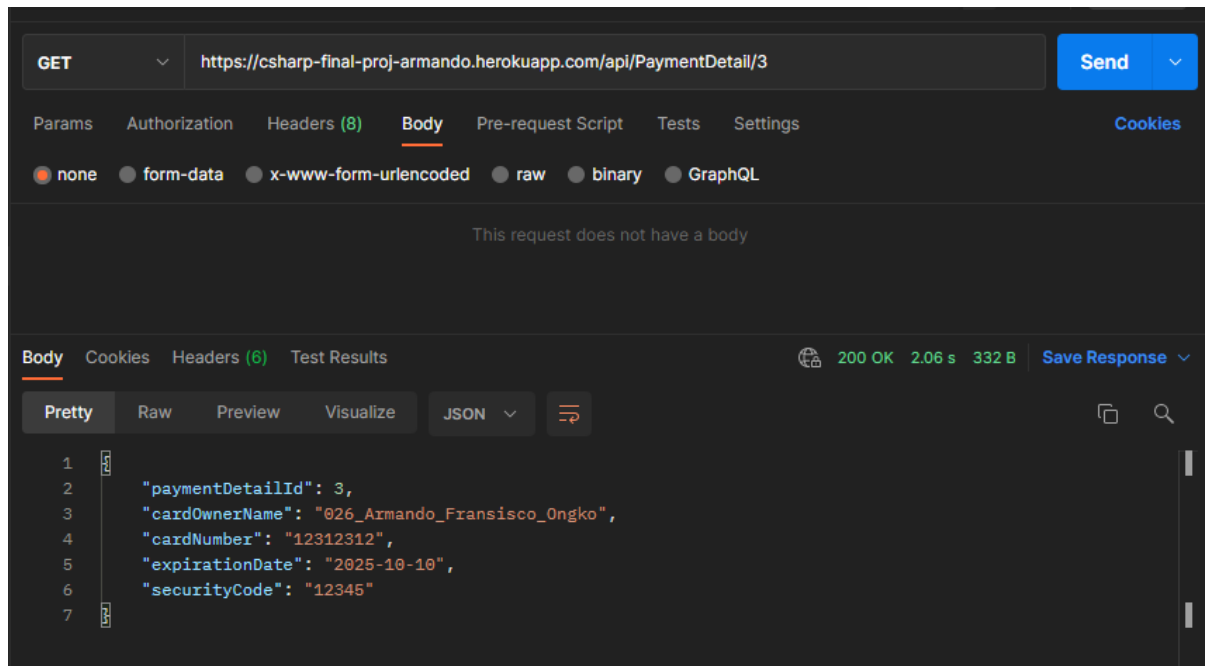
<https://csharp-final-proj-armando.herokuapp.com/api/PaymentDetail/{id}>

Request Body:

```
{
  "paymentDetailId": 0,
  "cardOwnerName": "string",
  "cardNumber": "string",
  "expirationDate": "string",
  "securityCode": "string"
}
```



Gambar 19.1 Berhasil Update data 3

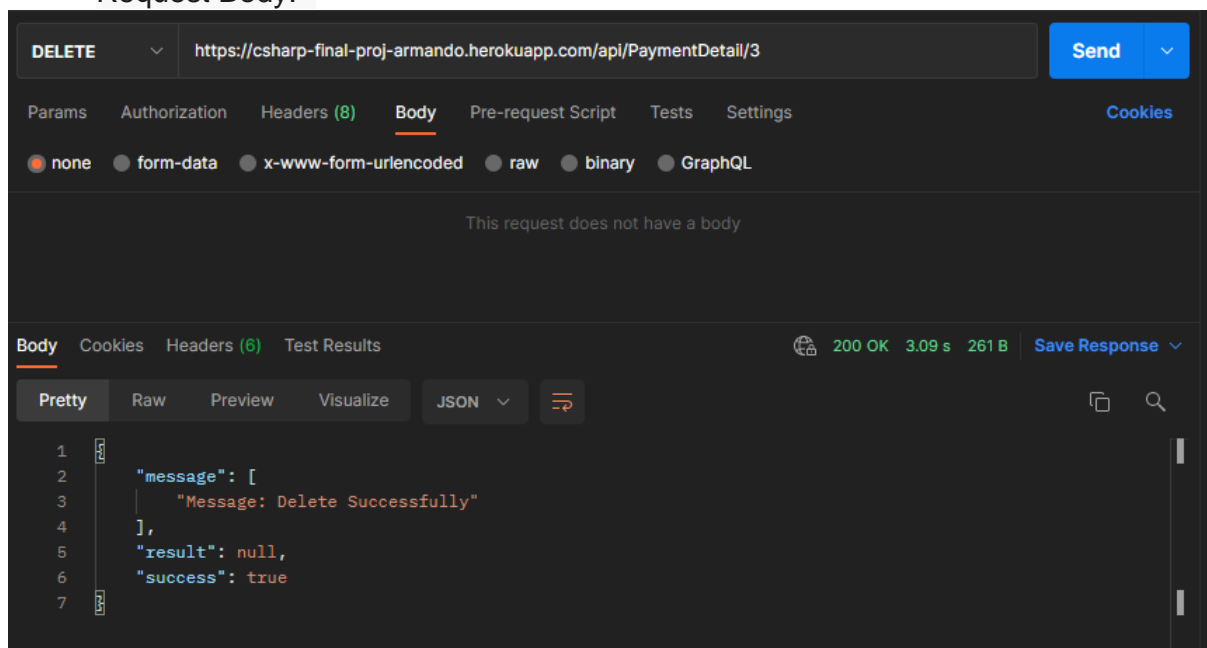


Gambar 19.2 Data Id 3 setelah Update (Get Payment Detail by id)

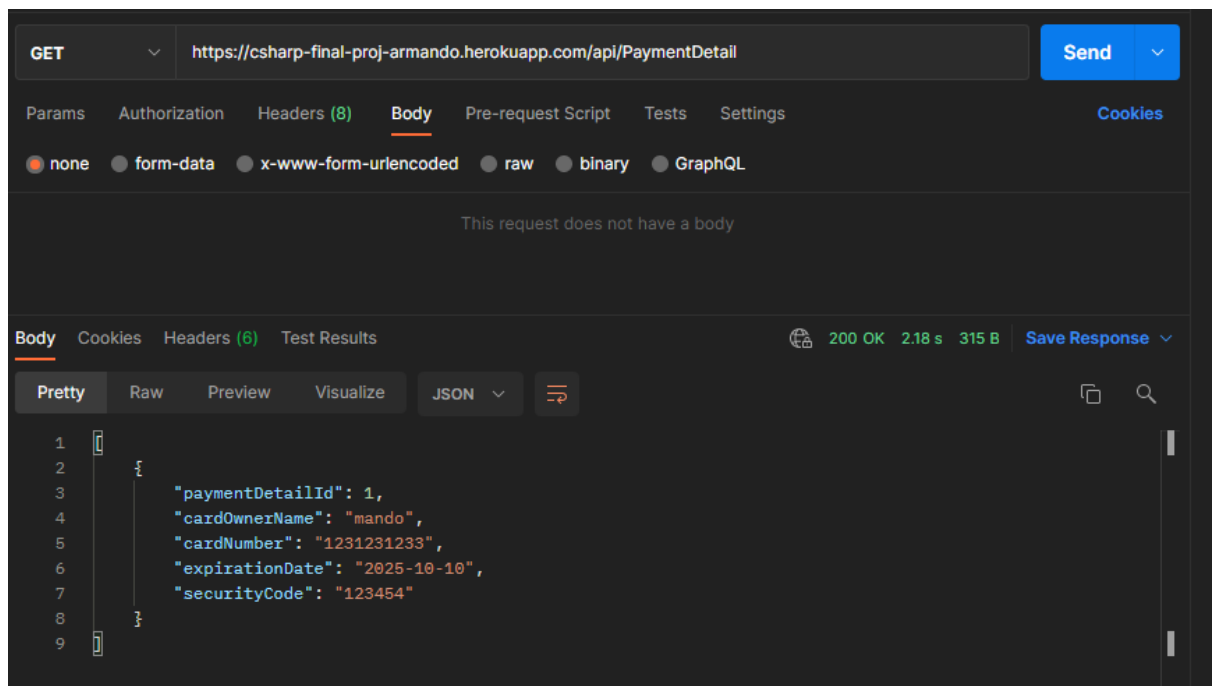
## 20. Test Method Delete PaymentDetail by Id Endpoint:

`https://csharp-final-proj-armando.herokuapp.com/api/PaymentDetail/{id}`

Request Body: -



Gambar 20.1 Delete PaymentDetail Id 3



ambar 20.2 Get All Setelah Delete Id 1

Thank You!