Documentação de Endpoints - Sales API

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Visão Geral

Este documento descreve os endpoints responsáveis pelo gerenciamento de vendas, incluindo criação, atualização, cancelamento, consulta e exclusão. Também estão incluídas as regras de negócio aplicadas ao processo de venda.

Regras de Negócio

- Desconto de 10% para 4 a 9 itens idênticos
- Desconto de 20% para 10 a 20 itens idênticos
- Proibição de vendas com mais de 20 itens idênticos
- Nenhum desconto permitido para menos de 4 itens

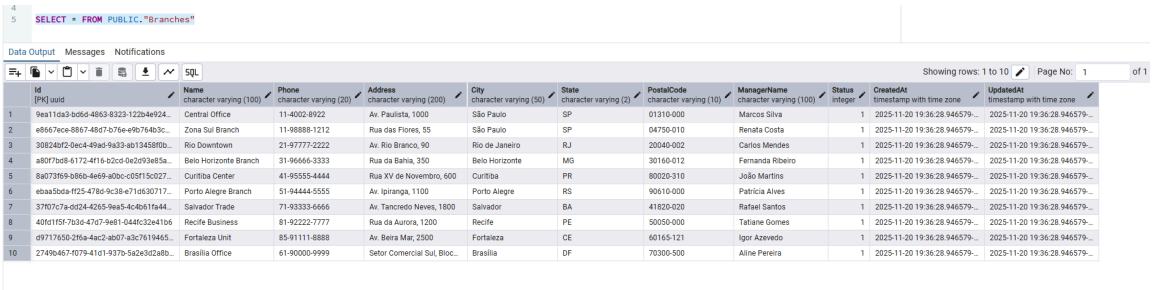
Base de Products:

```
SELECT * FROM PUBLIC."Products"
```

Data Output | Messages | Notifications

	Id [PK] uuid	Name character varying (100)	Description character varying (500)	UnitPrice numeric (18,2)
1	a3c7f0e4-58cc-4da1-8451-1b9d9c9d2...	Refrigerante Cola 350ml	Bebida gaseificada sabor cola	4.50
2	2e9a7b89-4c5f-4f4d-92b2-59d7cd46e7...	Refrigerante Guaraná 350ml	Bebida gaseificada sabor guaraná	4.20
3	9fb8c1d1-02af-4b80-8c11-b51d2a3a6b...	Cerveja Pilsen 350ml	Cerveja tipo pilsen em lata	5.90
4	6d4d0e90-9f35-4d82-9a77-eabc1b90c...	Cerveja Lager 600ml	Cerveja tipo lager em garrafa	8.50
5	e4b9016c-d0e3-4b28-8153-4b3bb5f7ef...	Água Mineral Sem Gás 500ml	Água mineral sem gás	2.90
6	c621a8cd-366f-4c8e-93c2-fb8b20a7f9...	Água Mineral Com Gás 500ml	Água mineral com gás	3.20
7	757429b4-684e-43ea-8e1d-b2bfbdc1fc...	Isotônico Citrus 500ml	Bebida isotônica sabor citrus	6.50
8	baf52a45-330c-4083-99b6-9330f47bd...	Isotônico Frutas Vermelhas 500...	Bebida isotônica sabor frutas vermel...	6.80
9	db53a273-0b44-4dc8-944b-181056317...	Chá Gelado Limão 450ml	Chá gelado sabor limão	5.20
10	49f45422-7557-4ab1-b0ef-4374aae75d...	Chá Gelado Pêssego 450ml	Chá gelado sabor pêssego	5.20

Base de Branchs:

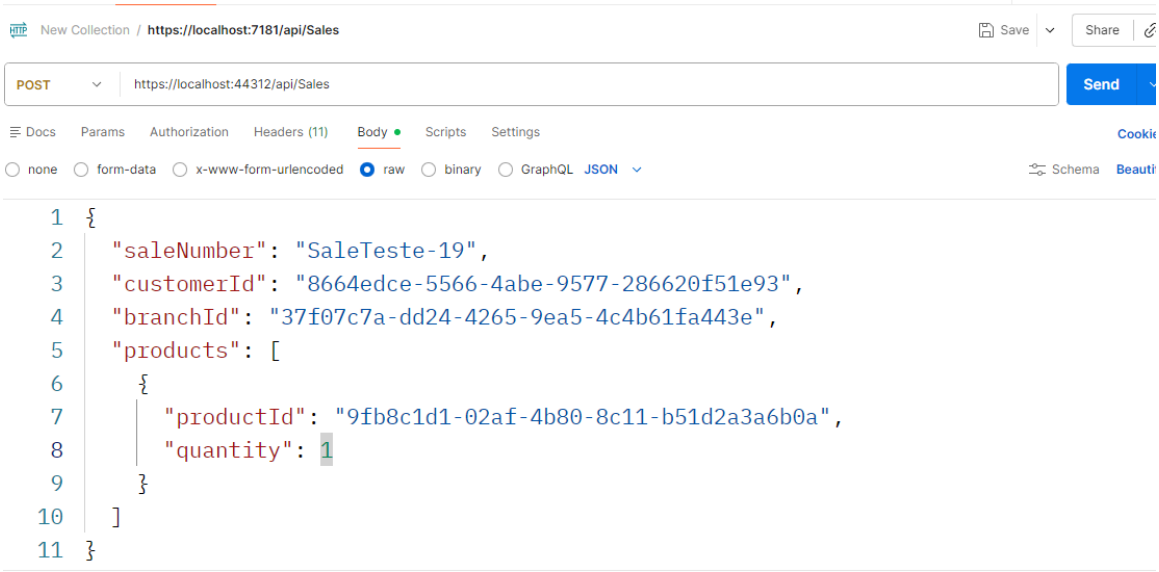


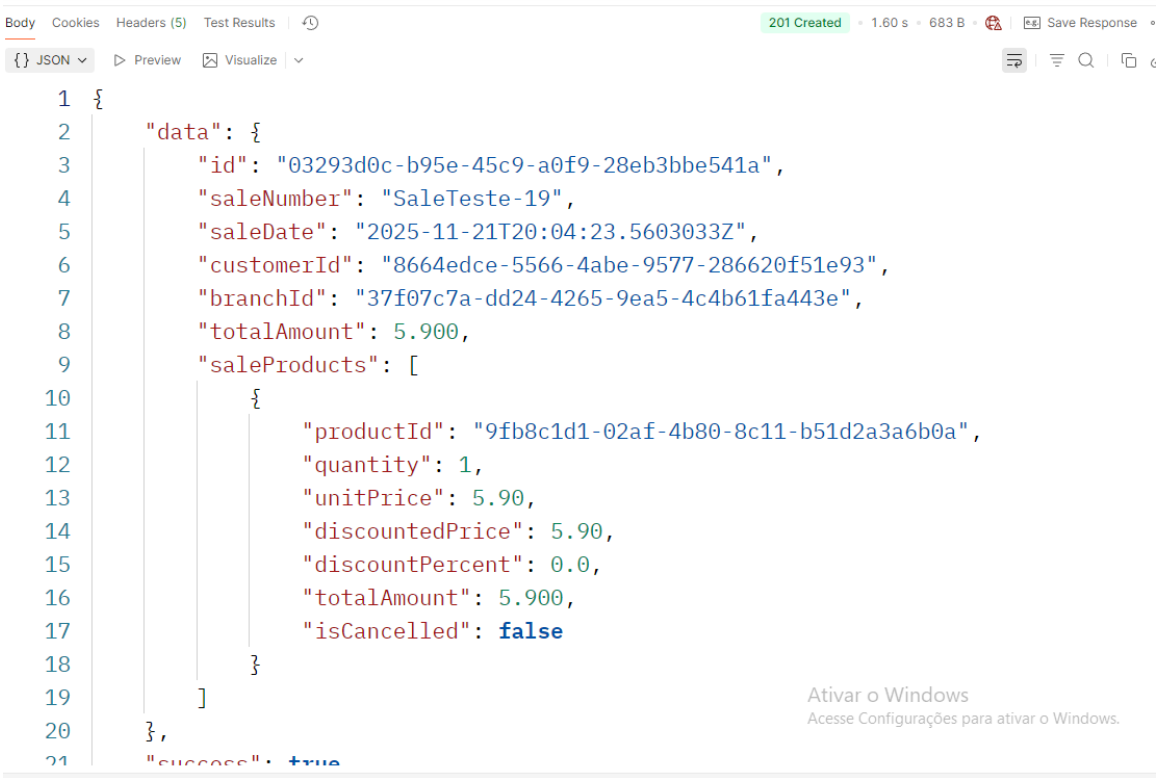
Endpoints

POST /sale - Cria Venda

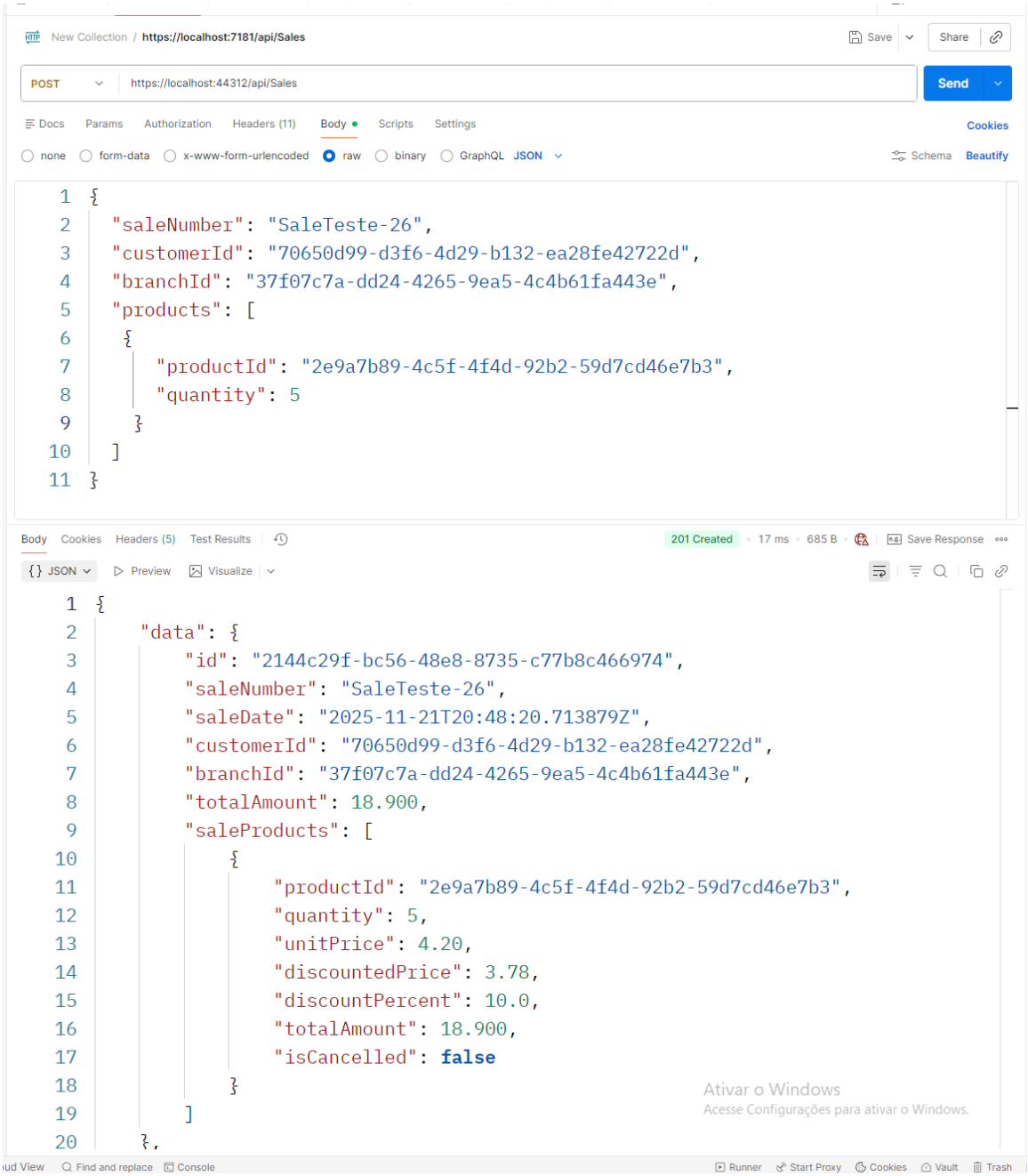
Responsável pela criação de uma nova venda.

- Informando 1 Item sem Desconto:

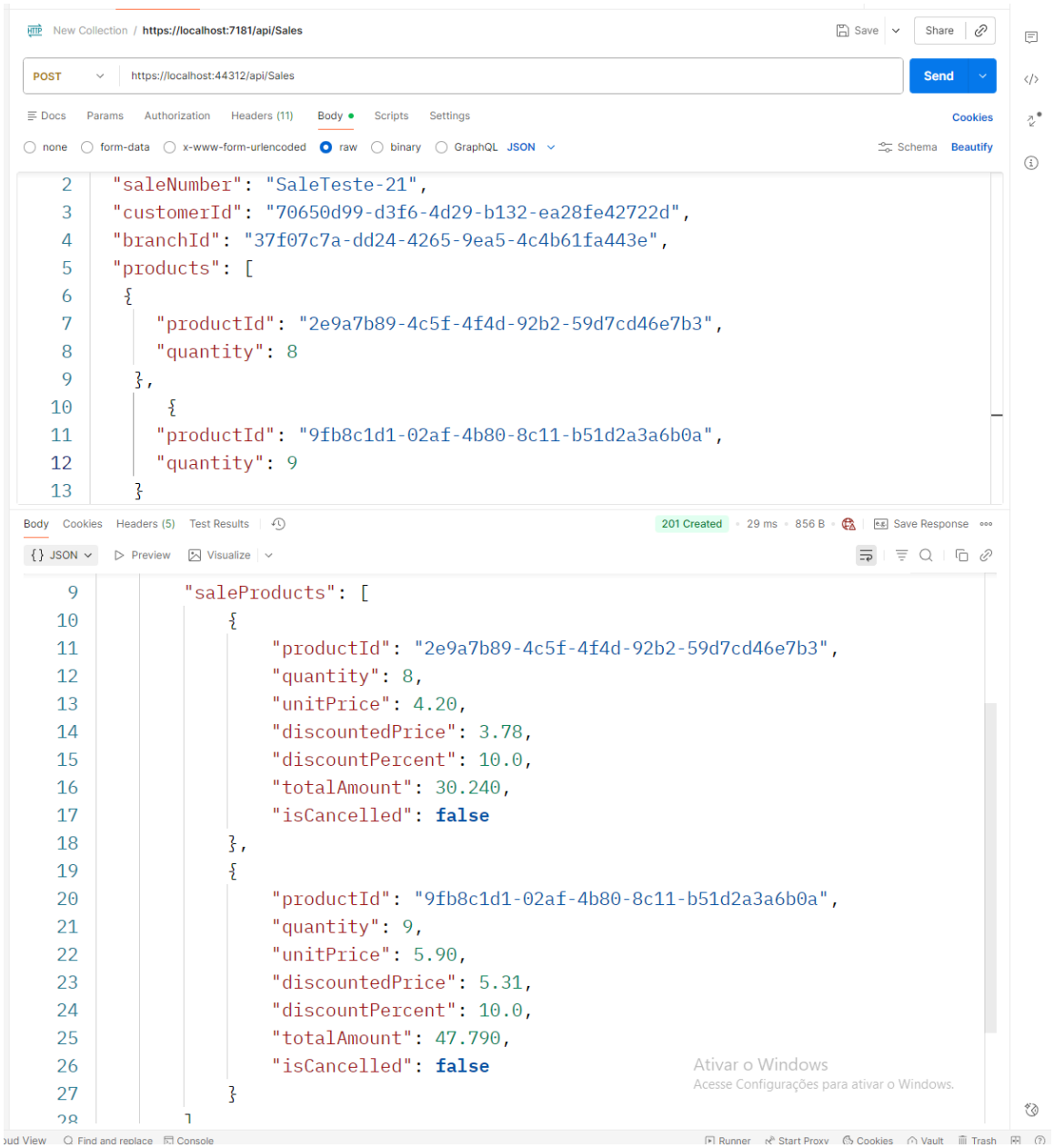




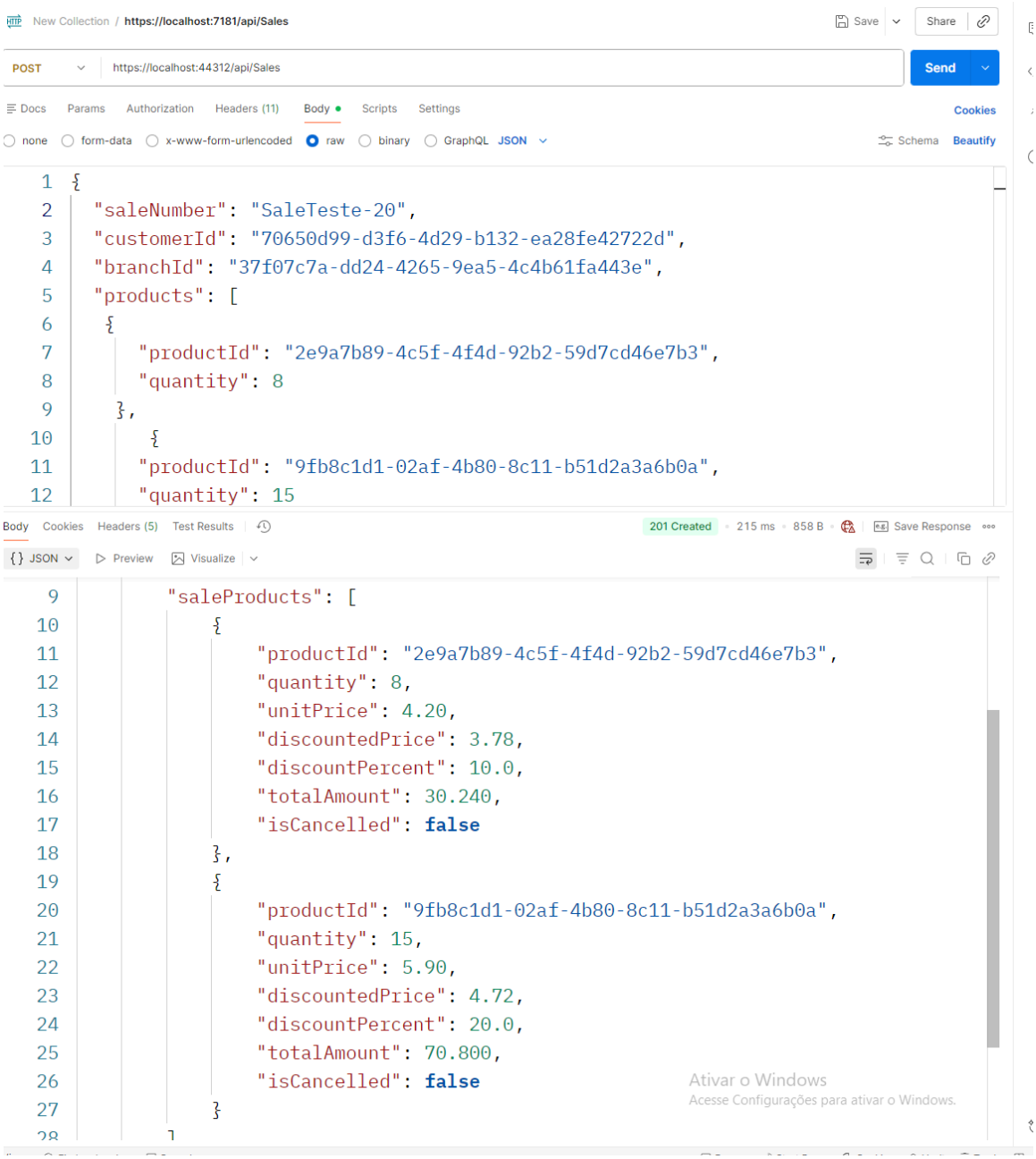
Informando Item com desconto de 10%



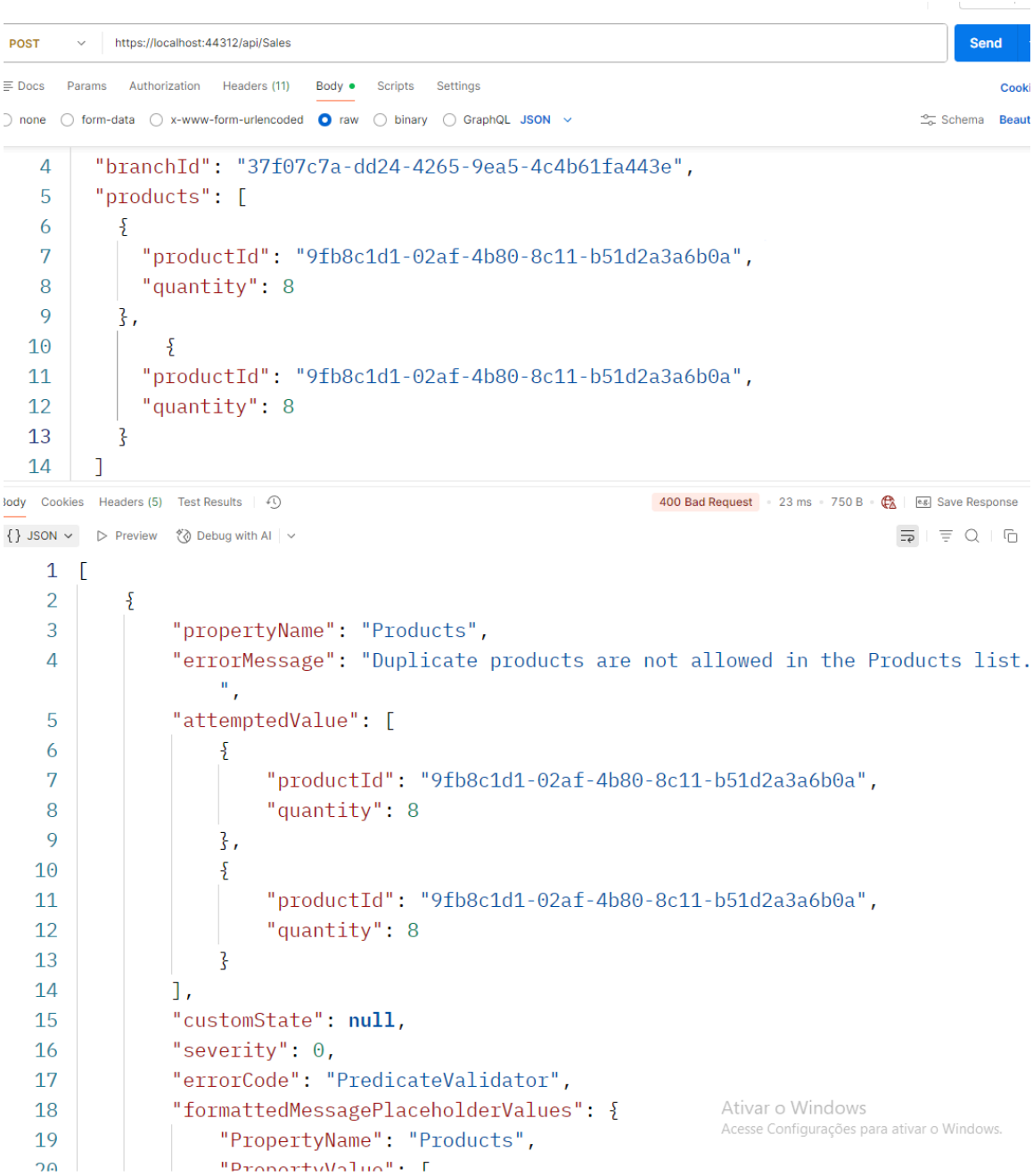
Informando 2 itens diferentes com desconto de 10%:



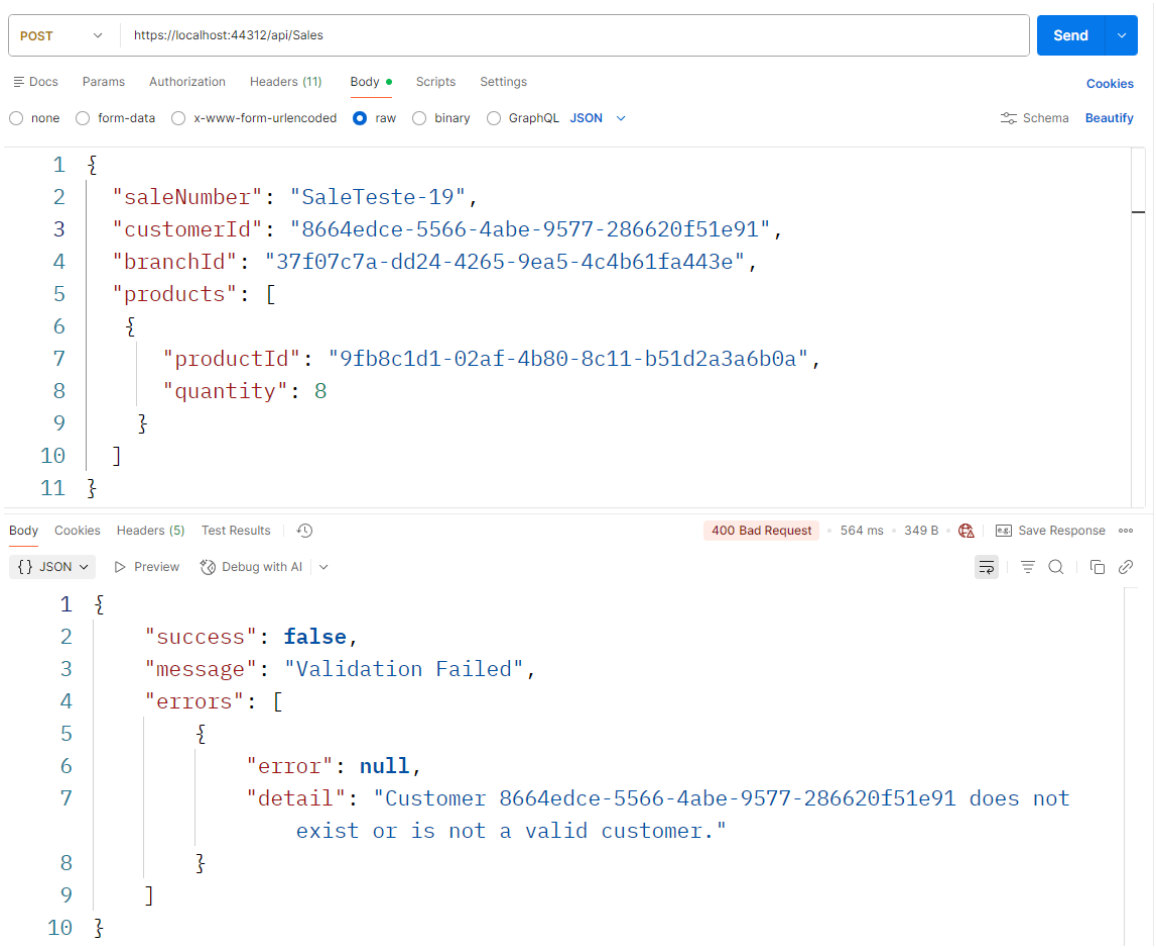
Informando 2 itens com descontos diferentes:



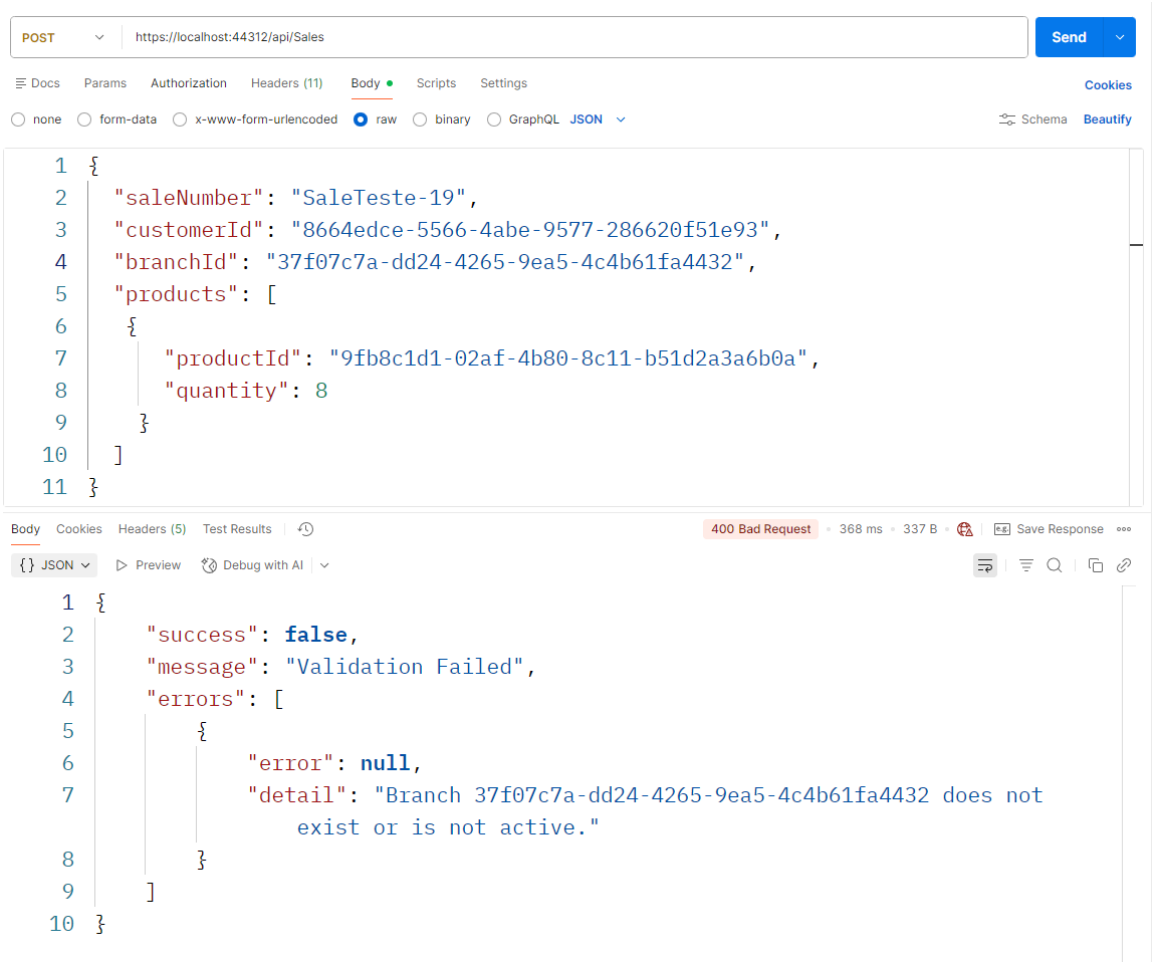
Informando 2 Itens Iguais:



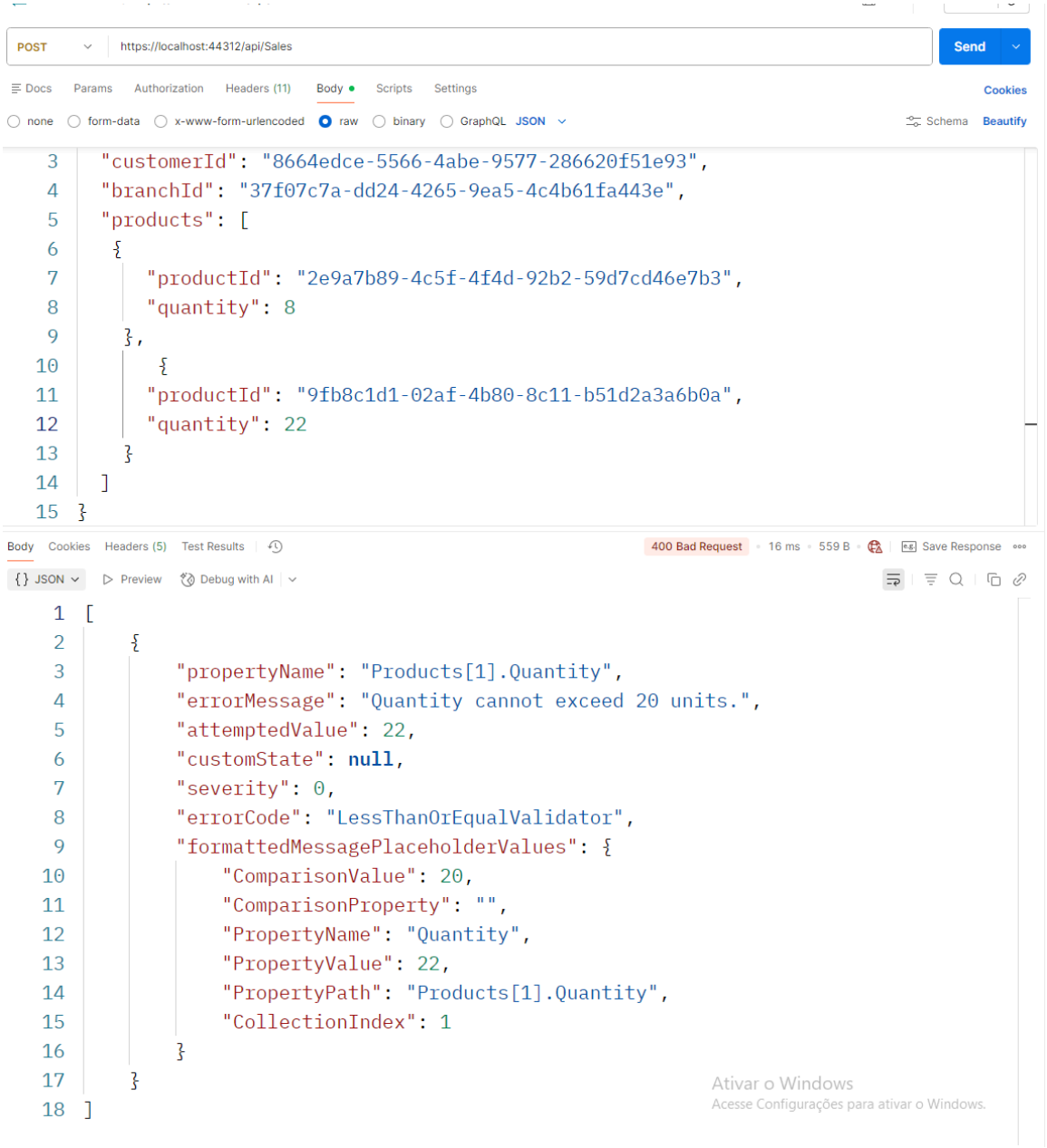
Informando Customer Invalido:



Informando Branch Invalida:



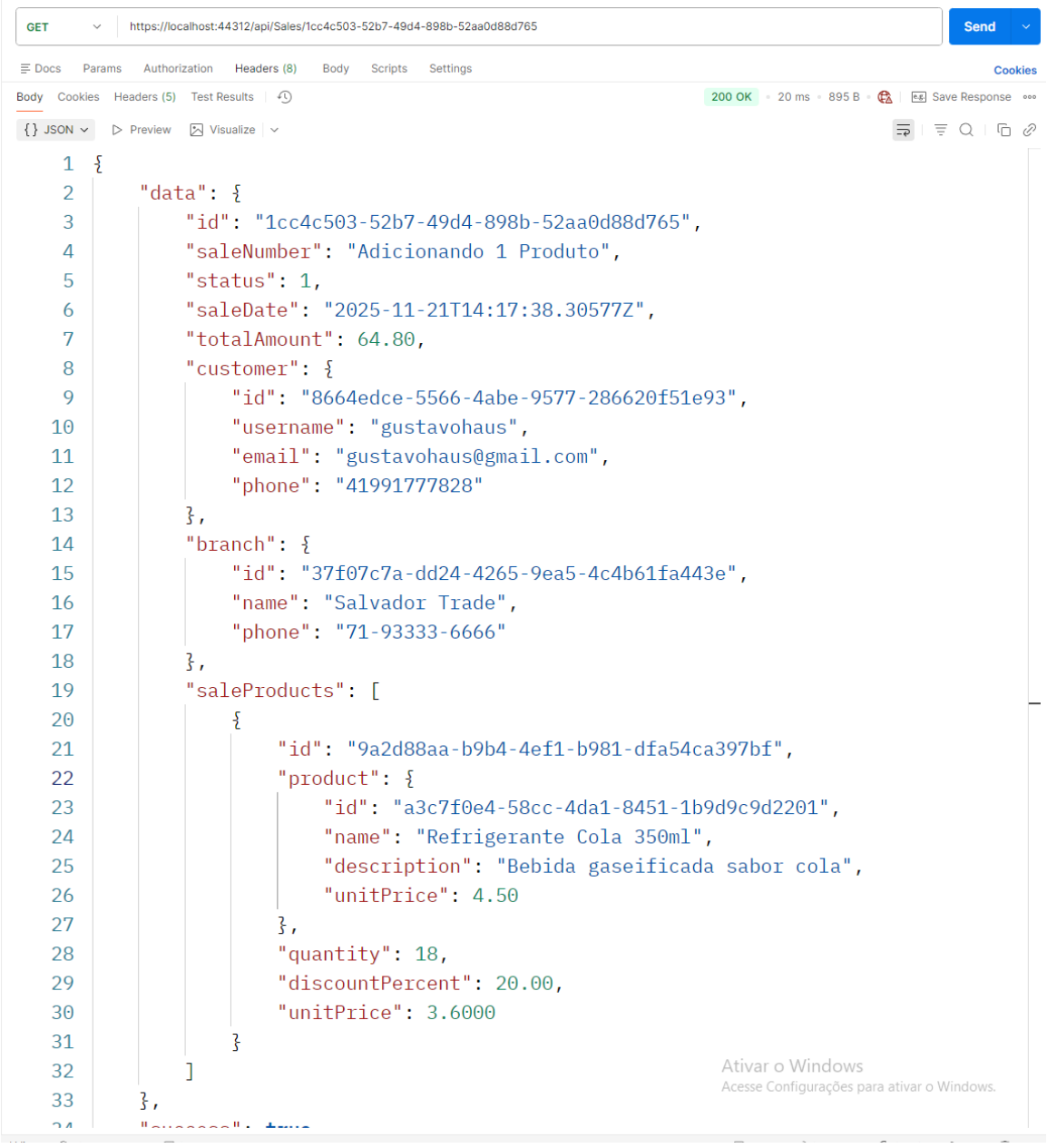
Informando Valores inválidos para compra (20 Ou mais itens), com uma compra válida:


POST
https://localhost:44312/api/Sales
Send
Docs
Params
Authorization
Headers (11)
Body
Scripts
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Schema
Beautify
3 "customerId": "8664edce-5566-4abe-9577-286620f51e93",
4 "branchId": "37f07c7a-dd24-4265-9ea5-4c4b61fa443e",
5 "products": [
6 {
7 "productId": "2e9a7b89-4c5f-4f4d-92b2-59d7cd46e7b3",
8 "quantity": 8
9 },
10 {
11 "productId": "9fb8c1d1-02af-4b80-8c11-b51d2a3a6b0a",
12 "quantity": 22
13 }
14]
15 }
Body
Cookies
Headers (5)
Test Results
400 Bad Request
16 ms
559 B
Save Response
{} JSON
Preview
Debug with AI
1 [
2 {
3 "propertyName": "Products[1].Quantity",
4 "errorMessage": "Quantity cannot exceed 20 units.",
5 "attemptedValue": 22,
6 "customState": null,
7 "severity": 0,
8 "errorCode": "LessThanOrEqualValidator",
9 "formattedMessagePlaceholderValues": {
10 "ComparisonValue": 20,
11 "ComparisonProperty": "",
12 "PropertyName": "Quantity",
13 "PropertyValue": 22,
14 "PropertyPath": "Products[1].Quantity",
15 "CollectionIndex": 1
16 }
17 }
18]
Ativar o Windows
Acesse Configurações para ativar o Windows.

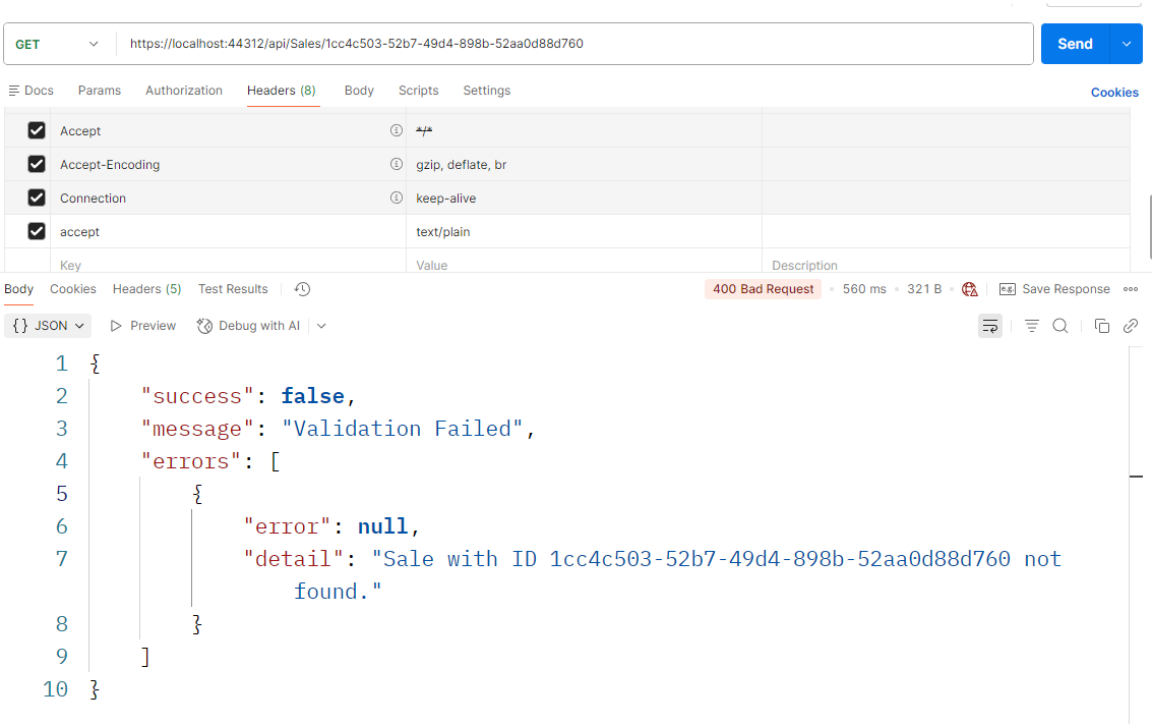
GET /sale/{saleId} - Busca venda por ID

Retorna todas as informações detalhadas de uma venda específica.

- Busca Item Existente:



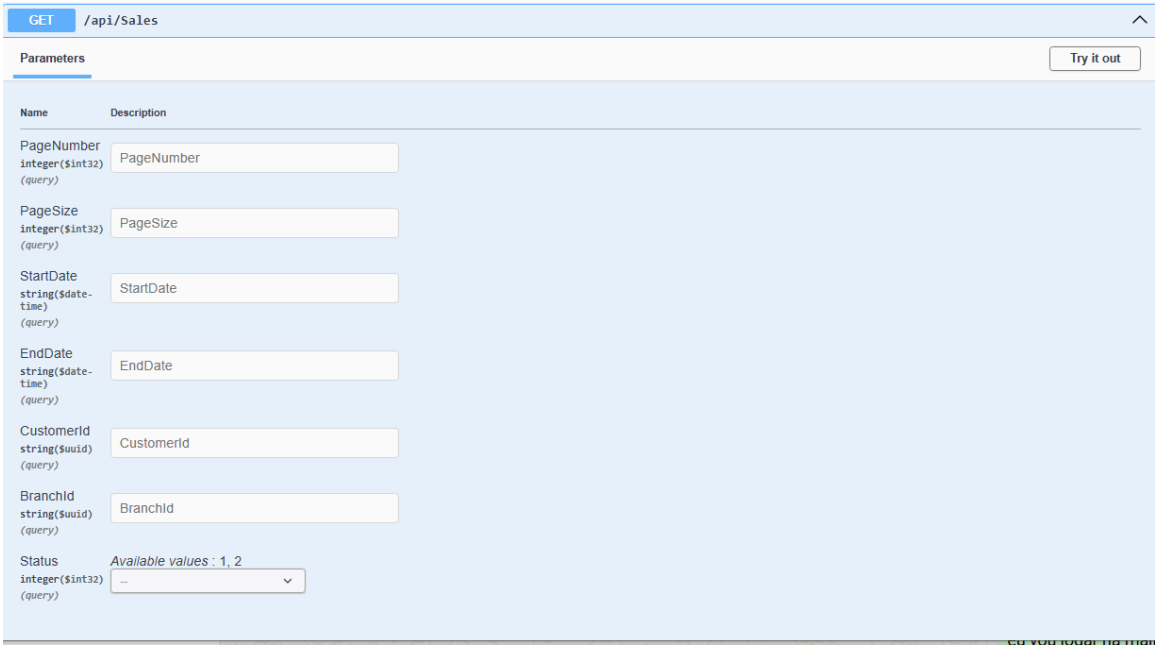
- Busca Por item Inexistente:



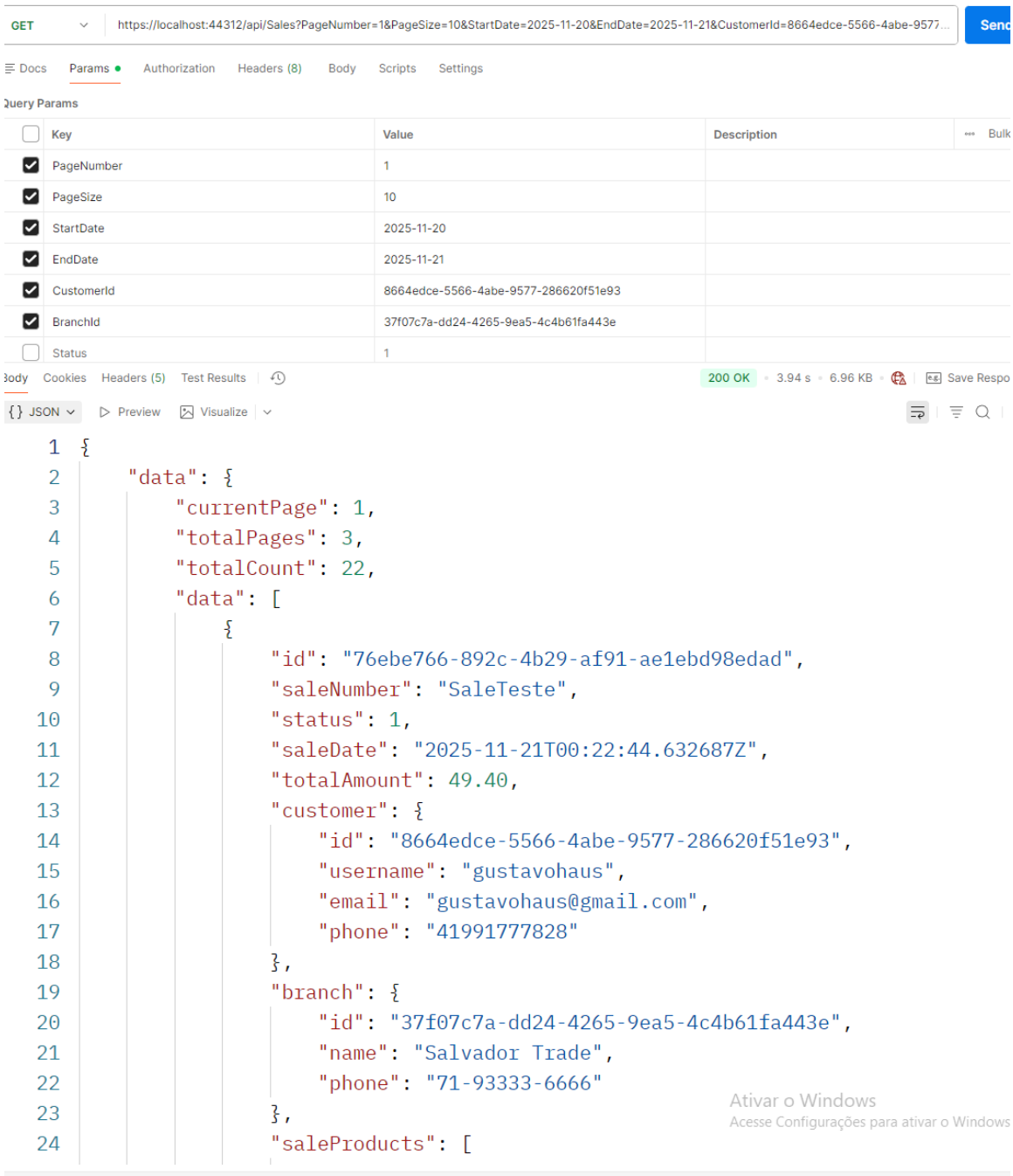
GET /sale - Paginação

Retorna uma lista paginada de vendas, com suporte a filtros e ordenações.

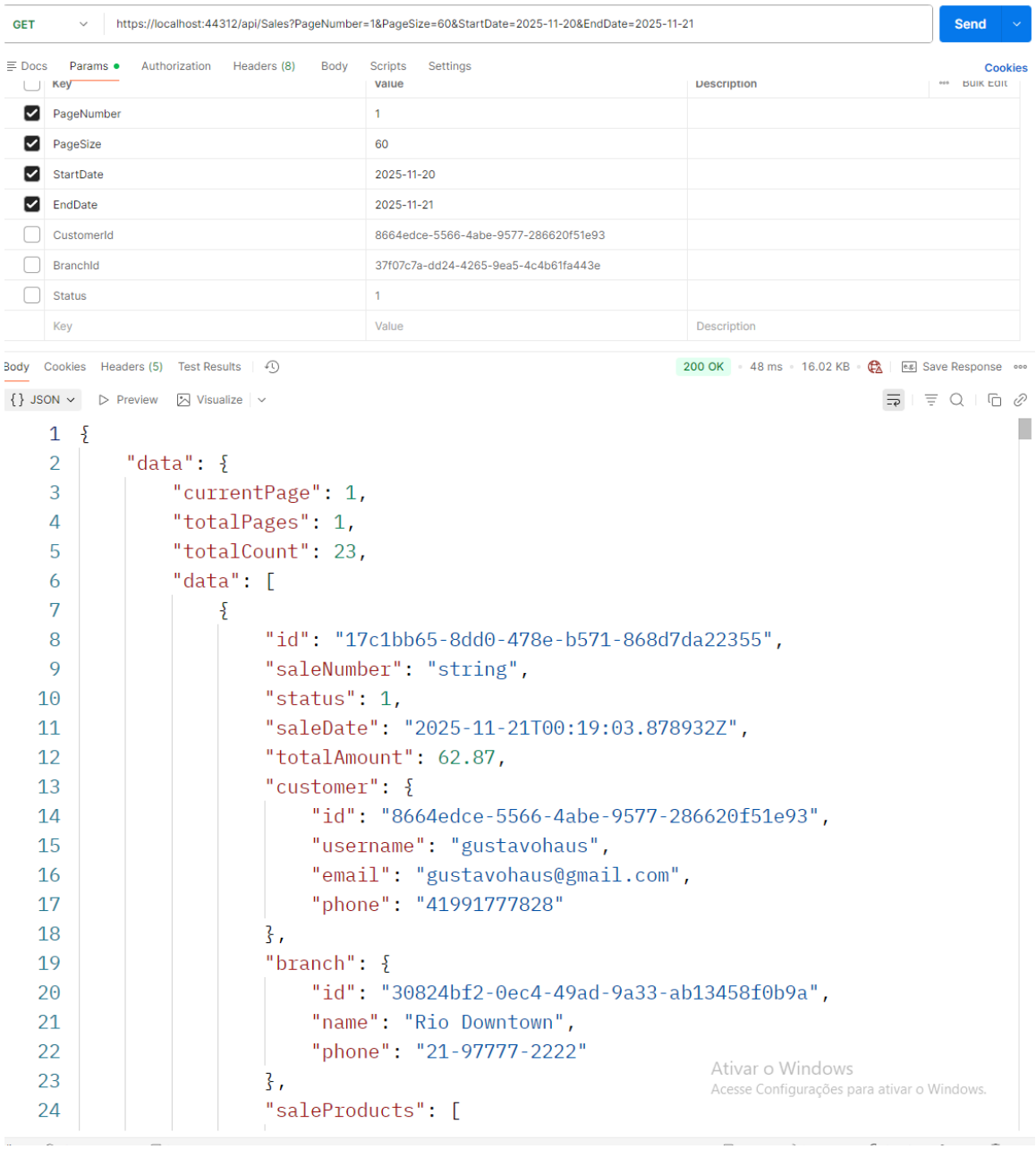
Filtro:



Todos os Filtros:

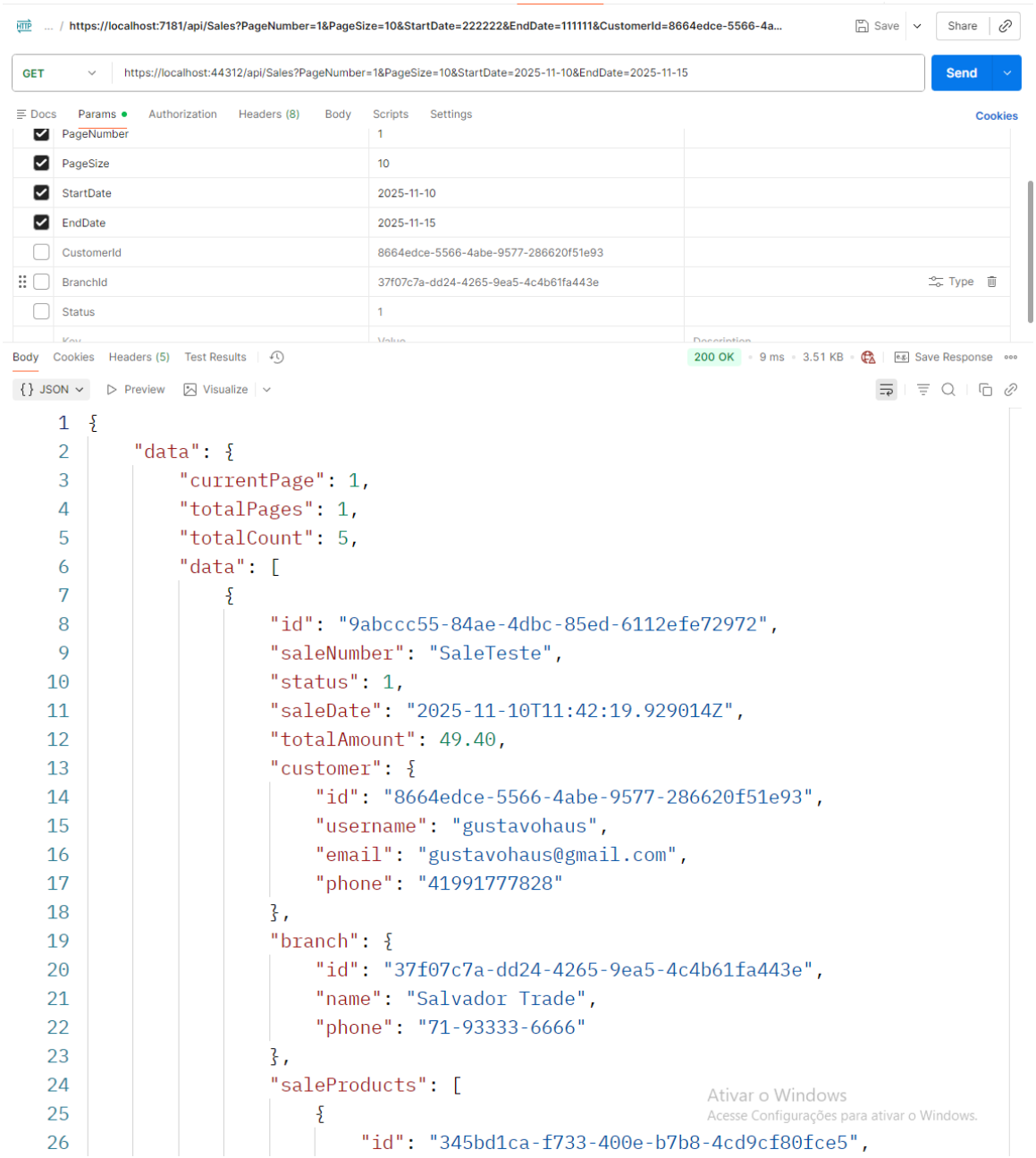


Paginação com todos os itens:

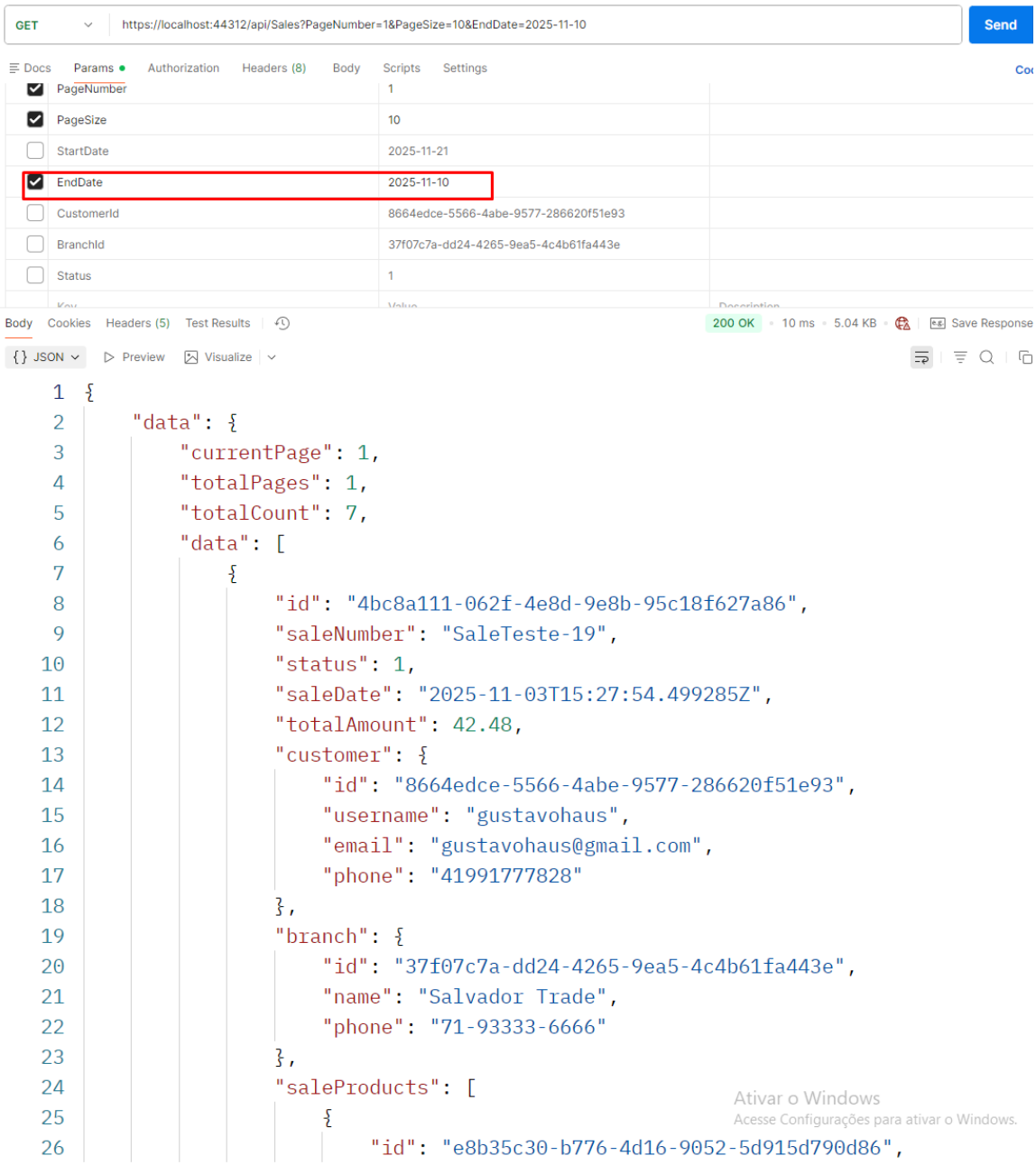


Obs: Para melhor visualização por datas, todas as datas da base foram embaralhadas abaixo:

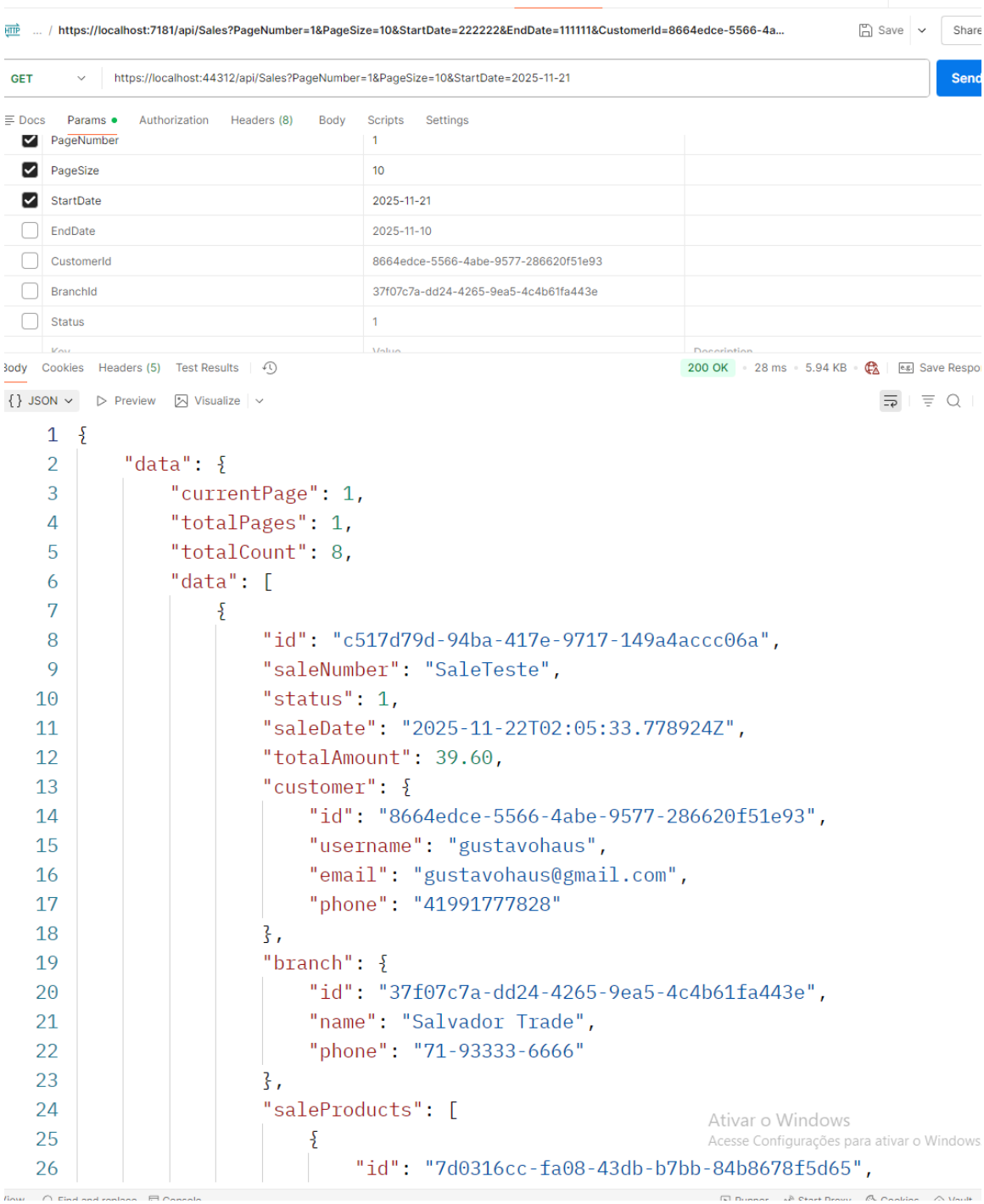
Busca por Data:



Apenas Data Final:



Apenas Data de início:


https://localhost:7181/api/Sales?PageNumber=1&PageSize=10&StartDate=222222&EndDate=111111&CustomerId=8664edce-5566-4a...
Save
Share
GET
https://localhost:44312/api/Sales?PageNumber=1&PageSize=10&StartDate=2025-11-21
Send
Docs
Params
Authorization
Headers (8)
Body
Scripts
Settings
PageNumber
1
PageSize
10
StartDate
2025-11-21
EndDate
2025-11-10
CustomerId
8664edce-5566-4abe-9577-286620f51e93
BranchId
37f07c7a-dd24-4265-9ea5-4c4b61fa443e
Status
1
Body
Cookies
Headers (5)
Test Results
200 OK
28 ms
5.94 KB
Save Respo
{} JSON
Preview
Visualize
{
"data": {
"currentPage": 1,
"totalPages": 1,
"totalCount": 8,
"data": [
{
"id": "c517d79d-94ba-417e-9717-149a4accc06a",
"saleNumber": "SaleTeste",
"status": 1,
"saleDate": "2025-11-22T02:05:33.778924Z",
"totalAmount": 39.60,
"customer": {
"id": "8664edce-5566-4abe-9577-286620f51e93",
"username": "gustavohaus",
"email": "gustavohaus@gmail.com",
"phone": "41991777828"
},
"branch": {
"id": "37f07c7a-dd24-4265-9ea5-4c4b61fa443e",
"name": "Salvador Trade",
"phone": "71-93333-6666"
},
"saleProducts": [
{
"id": "7d0316cc-fa08-43db-b7bb-84b8678f5d65",
Ativar o Windows
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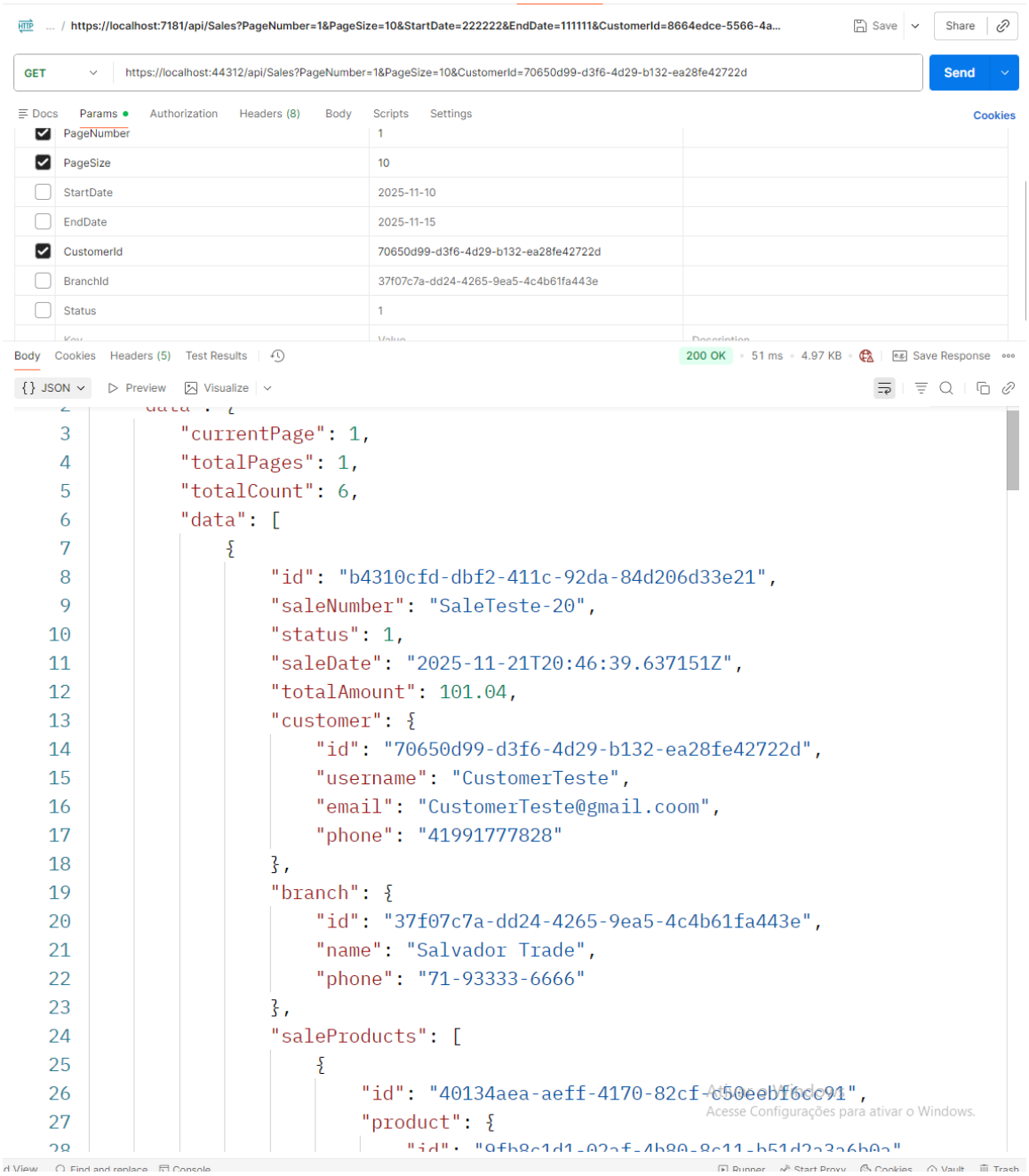
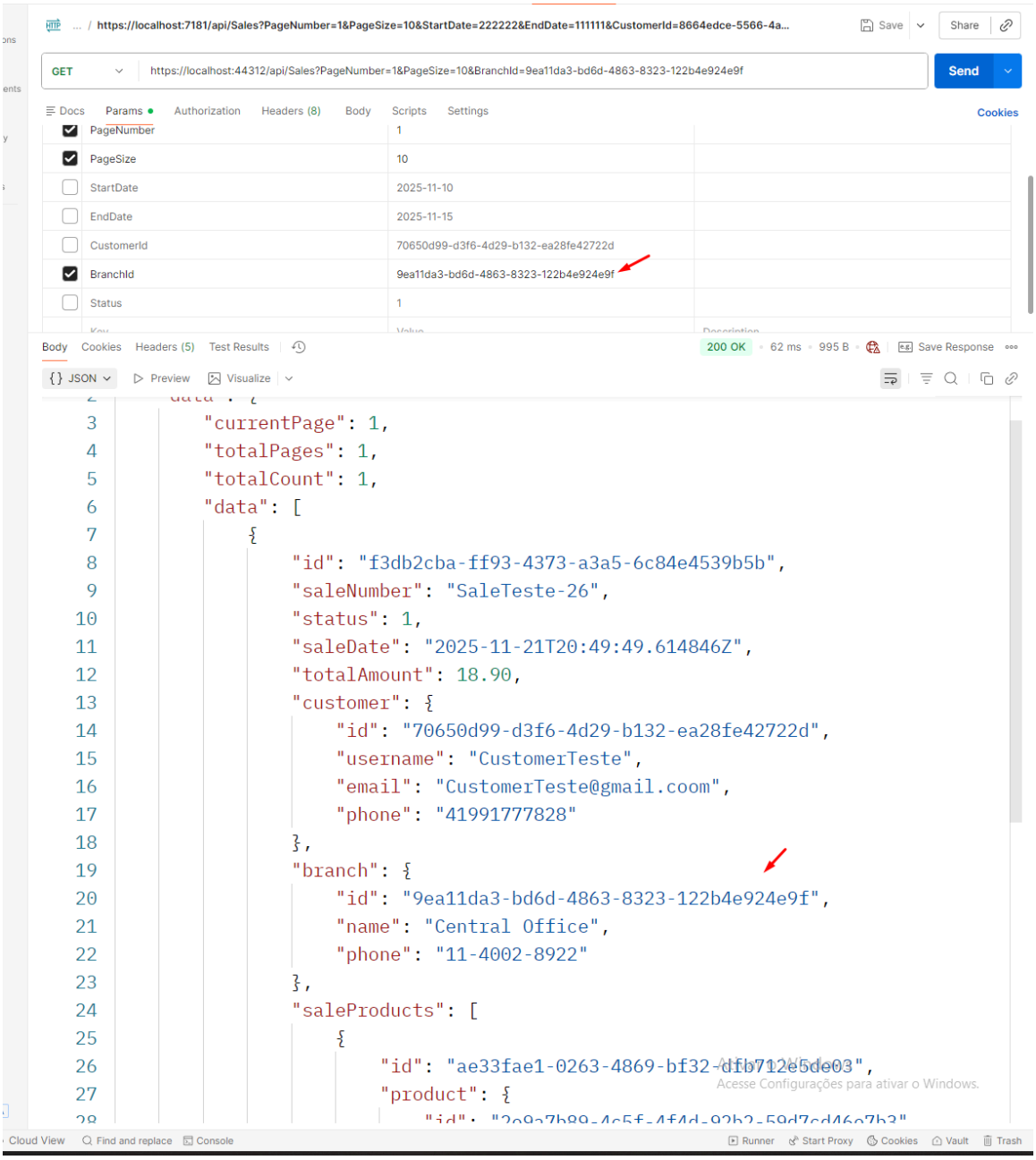
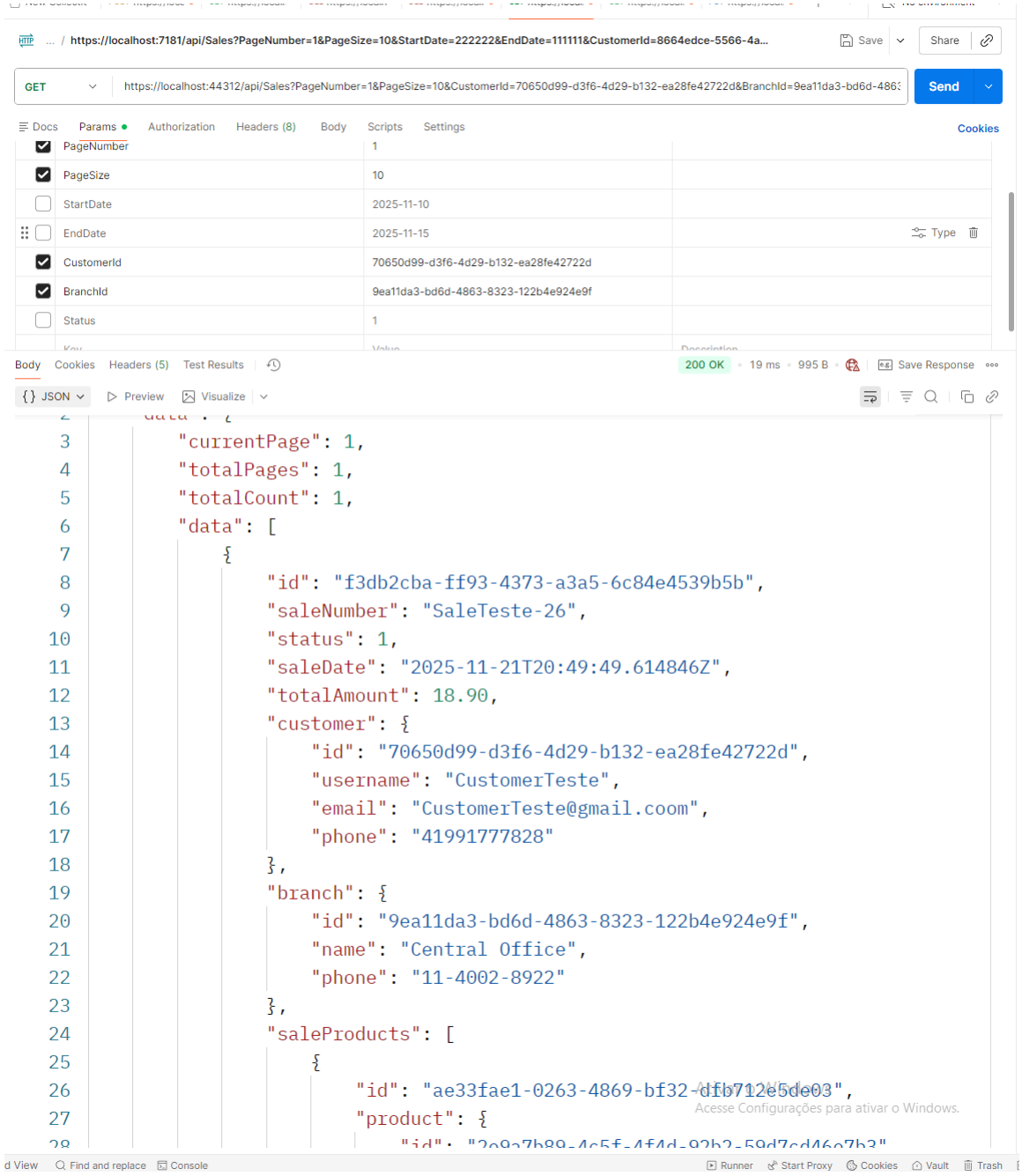
Busca por CustomerId:



Busca por BranchId:



Busca por BranchId e CustomerId:



PUT /sale/{saleId} - Atualiza venda

Atualiza completamente os dados da venda, incluindo itens, cliente e totais.

- Adicionar 1 Item E alterar SaleNumber

  Antes de atualizar:

```
{
    "data": {
        "id": "f3db2cba-ff93-4373-a3a5-6c84e4539b5b",
        "saleNumber": "SaleTeste-26",
        "status": 1,
        "saleDate": "2025-11-21T20:49:49.614846Z",
        "totalAmount": 18.90,
        "customer": {
            "id": "70650d99-d3f6-4d29-b132-ea28fe42722d",
            "username": "CustomerTeste",
            "email": "CustomerTeste@gmail.coom",
            "phone": "41991777828"
        },
        "branch": {
            "id": "9ea11da3-bd6d-4863-8323-122b4e924e9f",
            "name": "Central Office",
            "phone": "11-4002-8922"
        },
        "saleProducts": [
            {
                "id": "ae33fae1-0263-4869-bf32-dfb712e5de03",
                "product": {
                    "id": "2e9a7b89-4c5f-4f4d-92b2-59d7cd46e7b3",
                    "name": "Refrigerante Guaraná 350ml",
                    "description": "Bebida gaseificada sabor guaraná",
                    "unitPrice": 4.20
                },
                "quantity": 5,
                "discountPercent": 10.00,
                "unitPrice": 3.7800
            }
        ]
    },
    "success": true
```


Ativar o Windows
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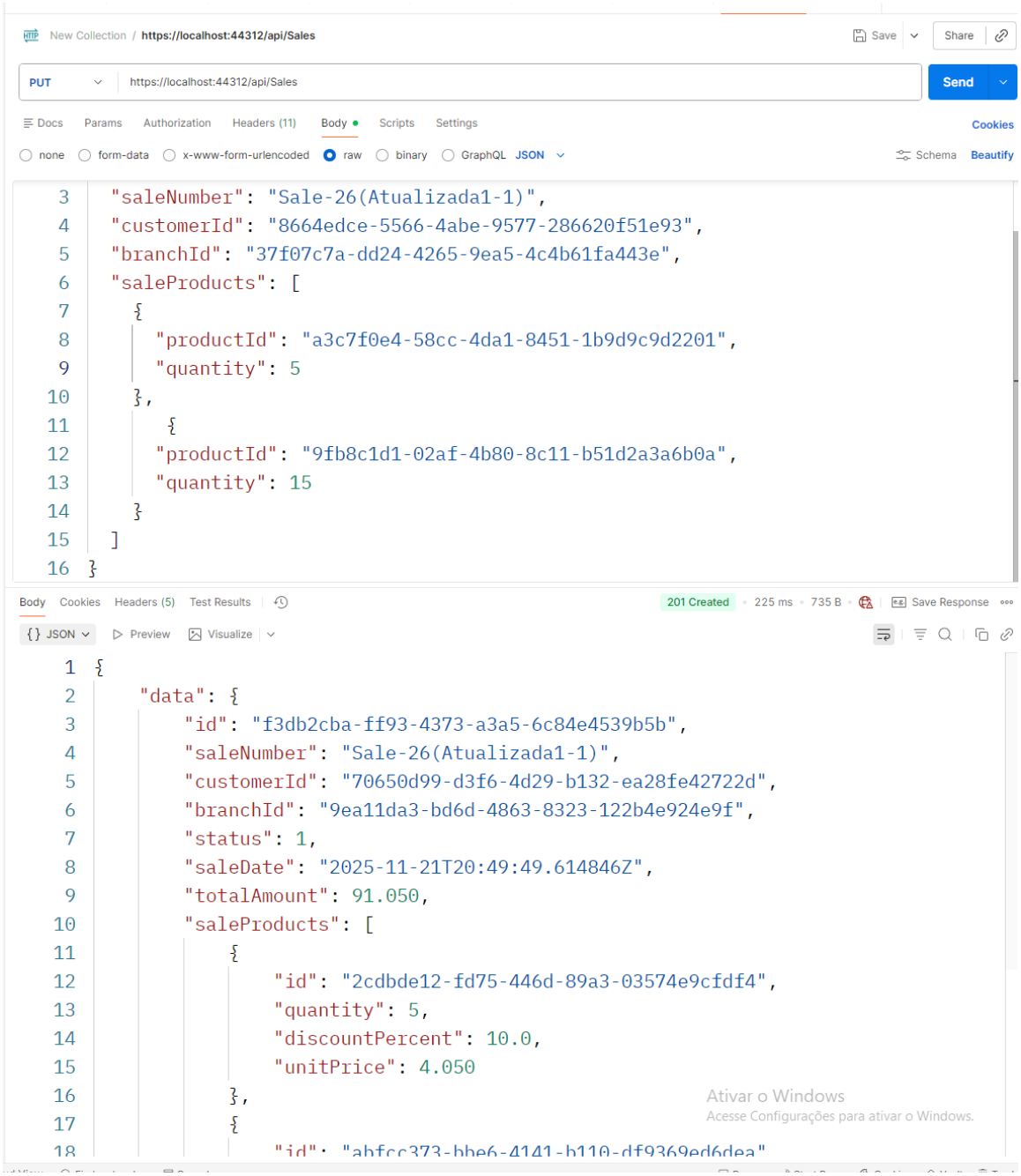
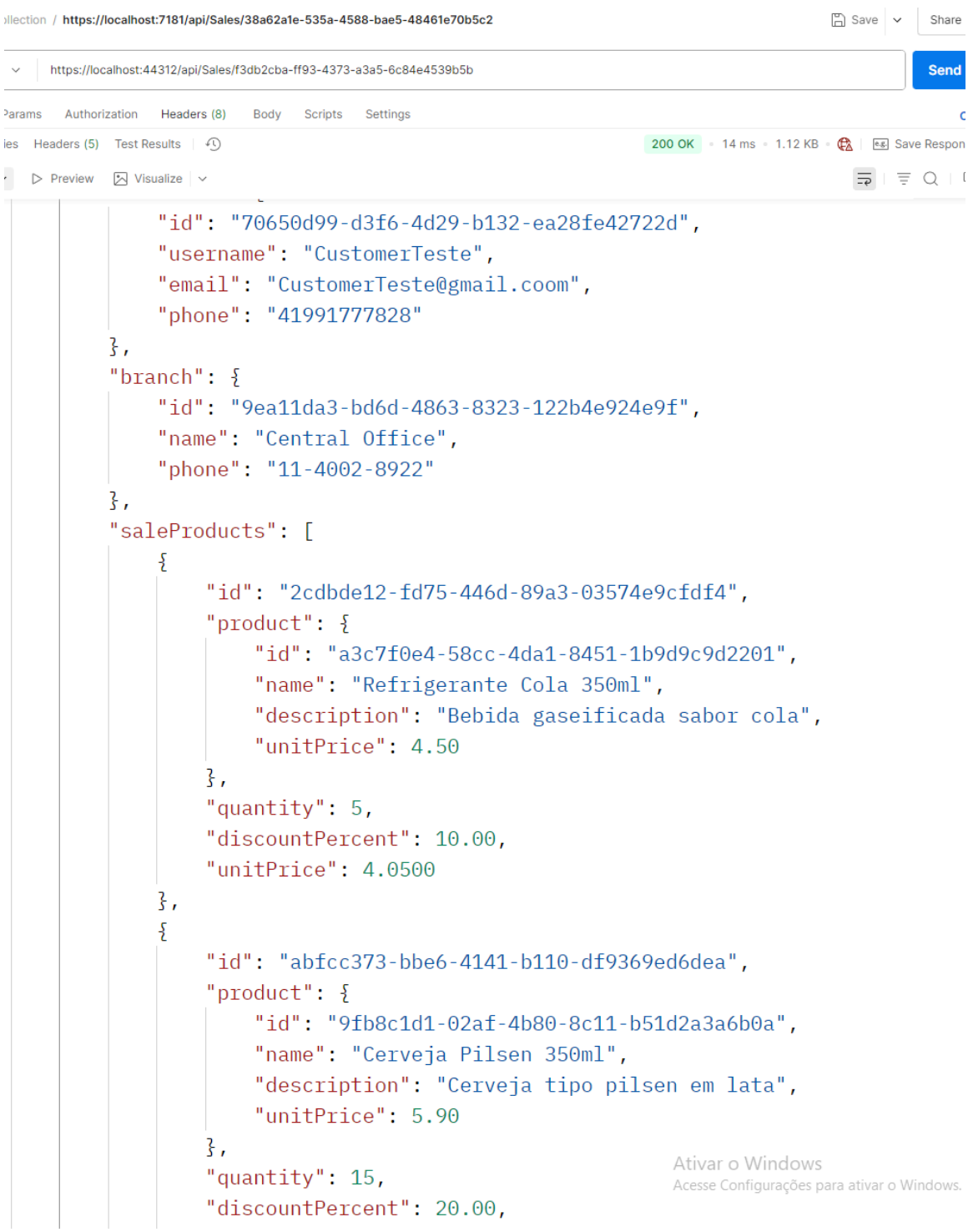
Resposta:



Após atualizar:


llection / https://localhost:7181/api/Sales/38a62a1e-535a-4588-bae5-48461e70b5c2
Save
Share
https://localhost:44312/api/Sales/f3db2cba-ff93-4373-a3a5-6c84e4539b5b
Send
Params
Authorization
Headers (8)
Body
Scripts
Settings
ies
Headers (5)
Test Results
200 OK
14 ms
1.12 KB
Save Respon
Preview
Visualize
"id": "70650d99-d3f6-4d29-b132-ea28fe42722d",
"username": "CustomerTeste",
"email": "CustomerTeste@gmail.coom",
"phone": "41991777828"
},
"branch": {
"id": "9ea11da3-bd6d-4863-8323-122b4e924e9f",
"name": "Central Office",
"phone": "11-4002-8922"
},
"saleProducts": [
{
"id": "2cdbde12-fd75-446d-89a3-03574e9cfdf4",
"product": {
"id": "a3c7f0e4-58cc-4da1-8451-1b9d9c9d2201",
"name": "Refrigerante Cola 350ml",
"description": "Bebida gaseificada sabor cola",
"unitPrice": 4.50
},
"quantity": 5,
"discountPercent": 10.00,
"unitPrice": 4.0500
},
{
"id": "abfcc373-bbe6-4141-b110-df9369ed6dea",
"product": {
"id": "9fb8c1d1-02af-4b80-8c11-b51d2a3a6b0a",
"name": "Cerveja Pilsen 350ml",
"description": "Cerveja tipo pilsen em lata",
"unitPrice": 5.90
},
"quantity": 15,
"discountPercent": 20.00,
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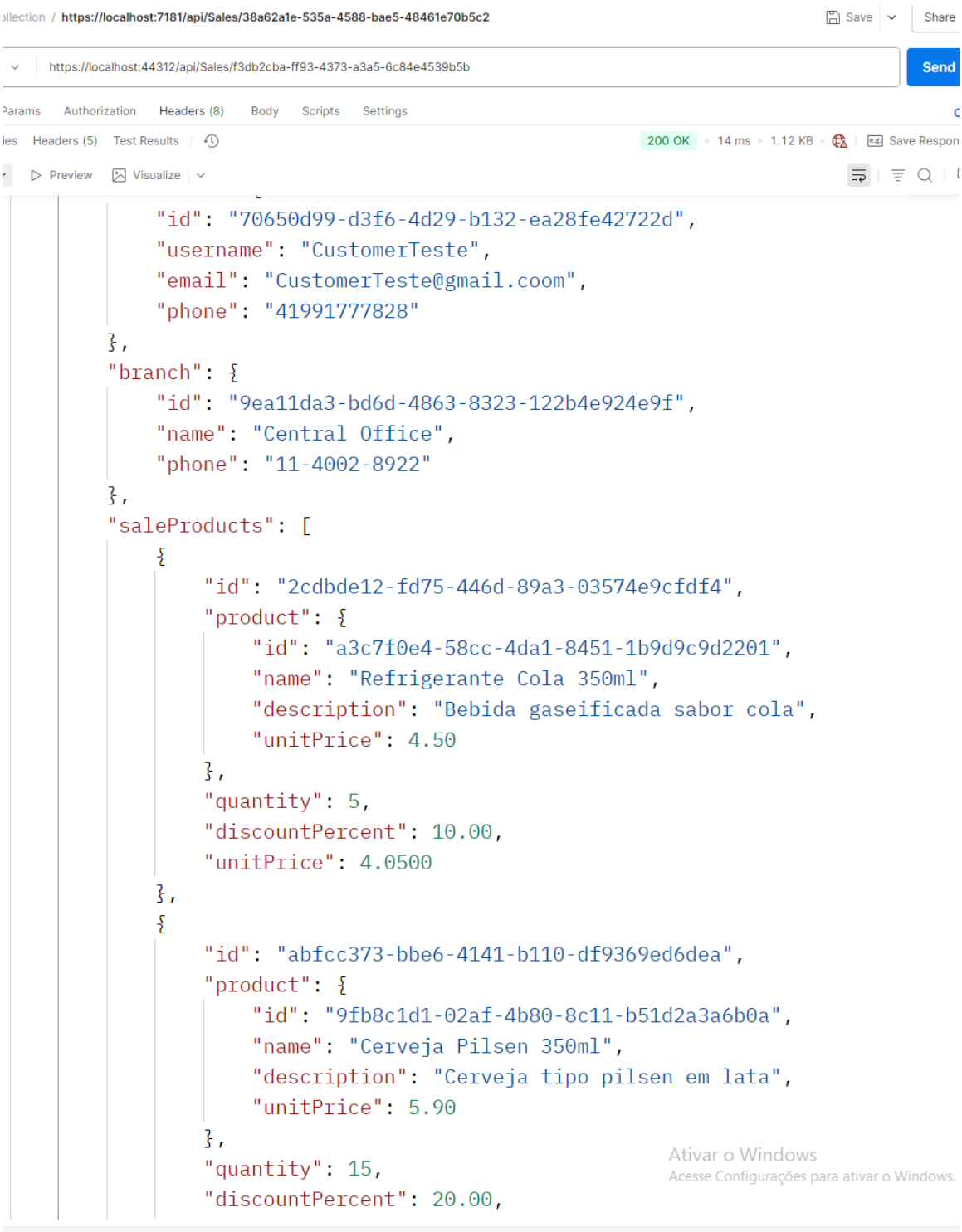
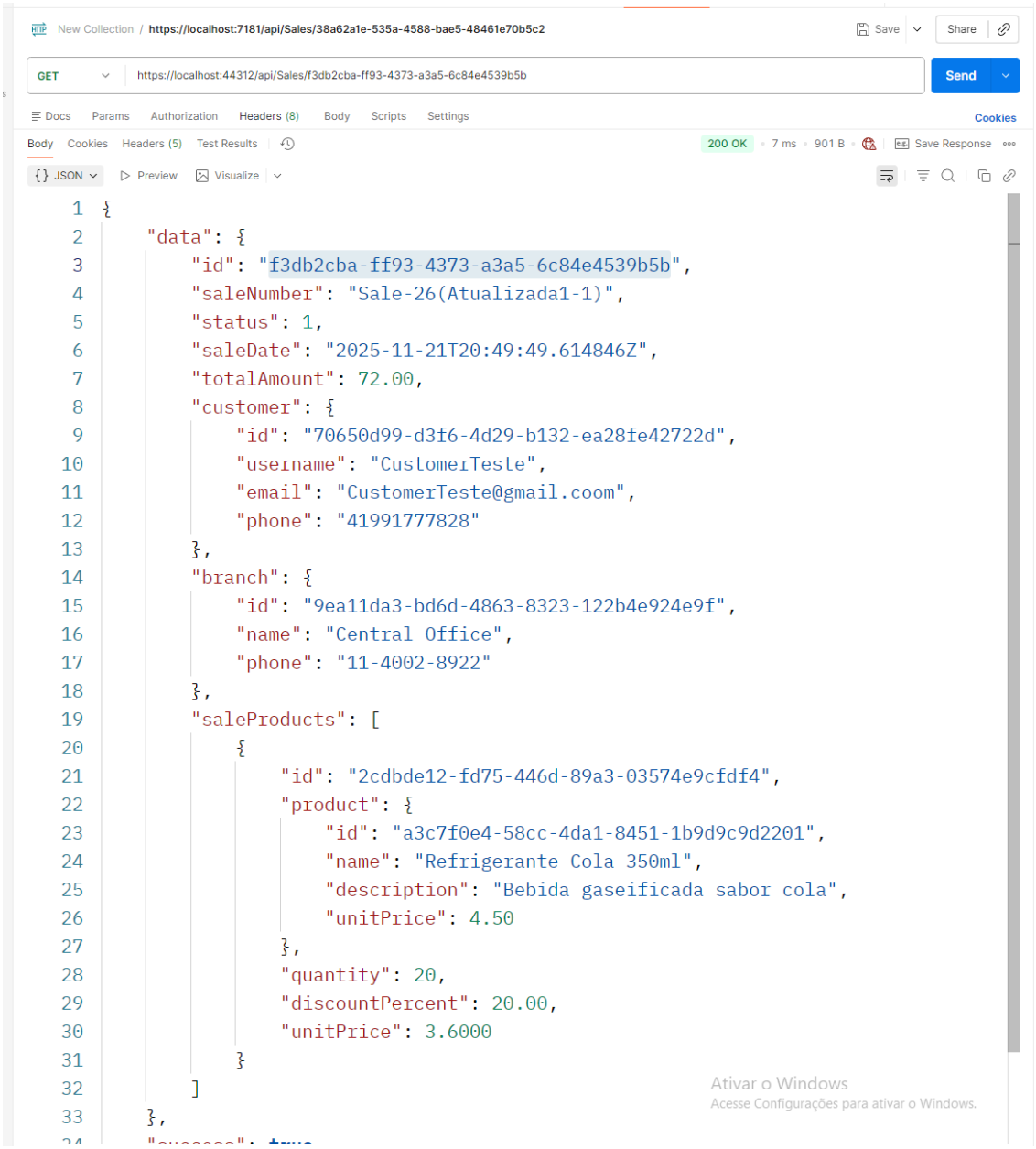
- Remover 1 Item e Atualiza 1 Item:

  Antes:

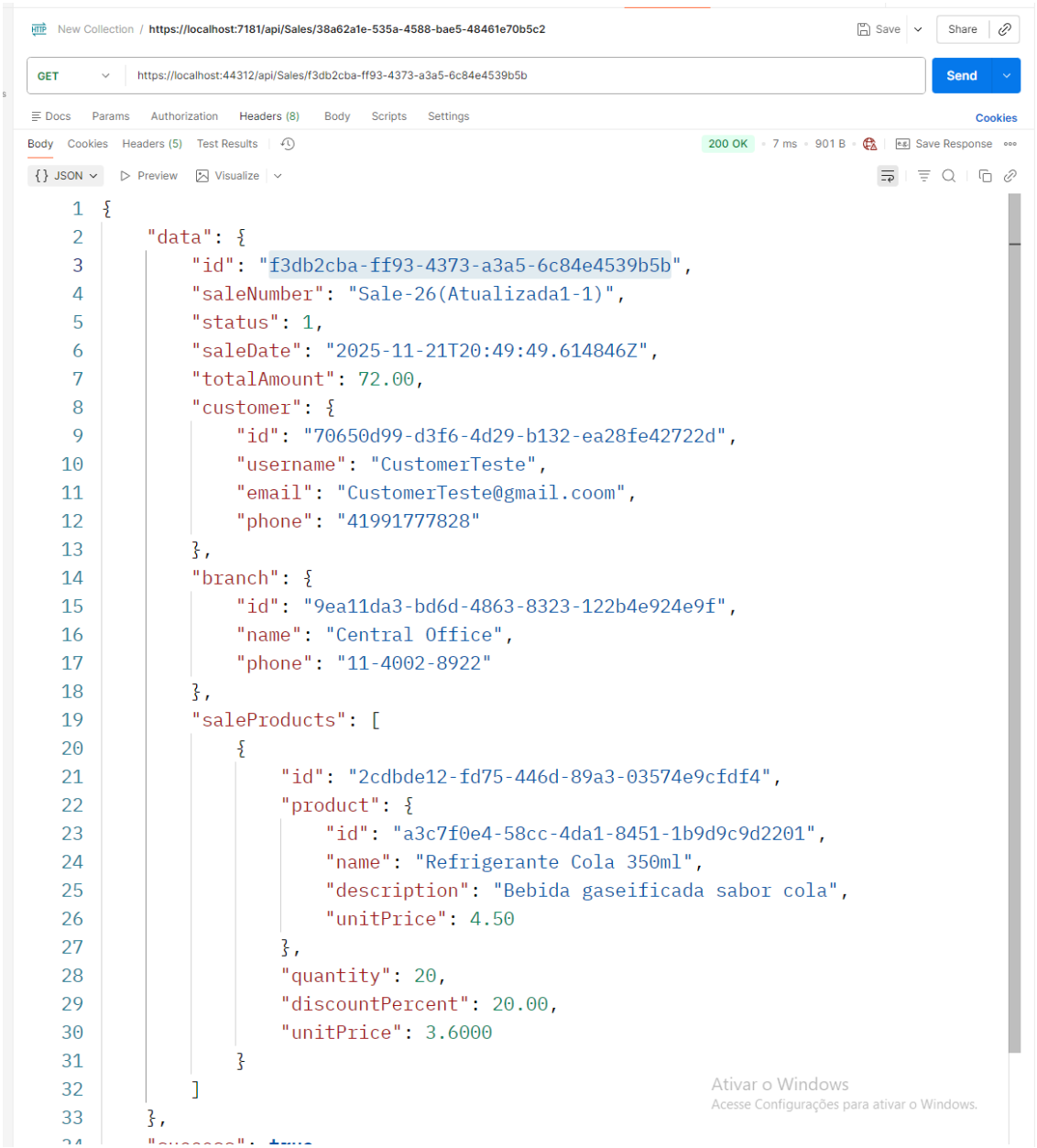


Após Atualização:



- Adicionar 1 Item e Atualiza 1 Item:

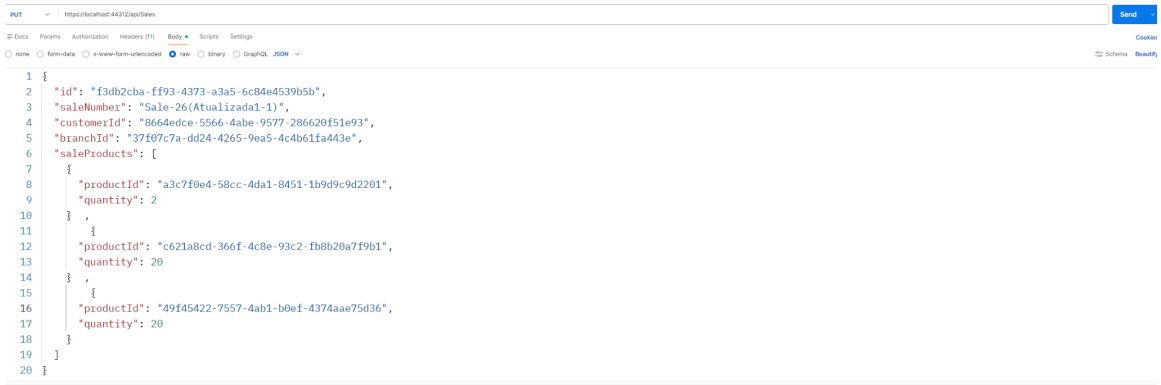
Antes:



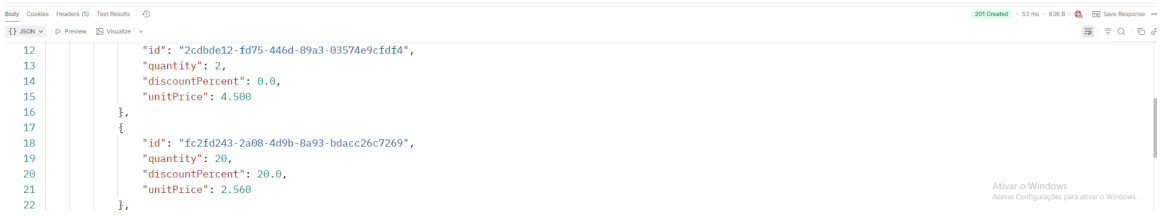
Resposta:

Após atualizar:

```
],
"saleProducts": [
    {
        "id": "2cdbde12-fd75-446d-89a3-03574e9cfdf4",
        "product": {
            "id": "a3c7f0e4-58cc-4da1-8451-1b9d9c9d2201",
            "name": "Refrigerante Cola 350ml",
            "description": "Bebida gaseificada sabor cola",
            "unitPrice": 4.50
        },
        "quantity": 2,
        "discountPercent": 0.00,
        "unitPrice": 4.5000
    },
    {
        "id": "6fc4b378-91e5-4143-8d8c-07063185b77a",
        "product": {
            "id": "49f45422-7557-4ab1-b0ef-4374aae75d36",
            "name": "Chá Gelado Pêssego 450ml",
            "description": "Chá gelado sabor pêssego",
            "unitPrice": 5.20
        },
        "quantity": 20,
        "discountPercent": 20.00,
        "unitPrice": 4.1600
    },
    {
        "id": "fc2fd243-2a08-4d9b-8a93-bdacc26c7269",
        "product": {
            "id": "c621a8cd-366f-4c8e-93c2-fb8b20a7f9b1",
            "name": "Água Mineral Com Gás 500ml",
            "description": "Água mineral com gás",
            "unitPrice": 3.20
        },
        "quantity": 20,
        "discountPercent": 20.00,
        "unitPrice": 2.5600
    }
```

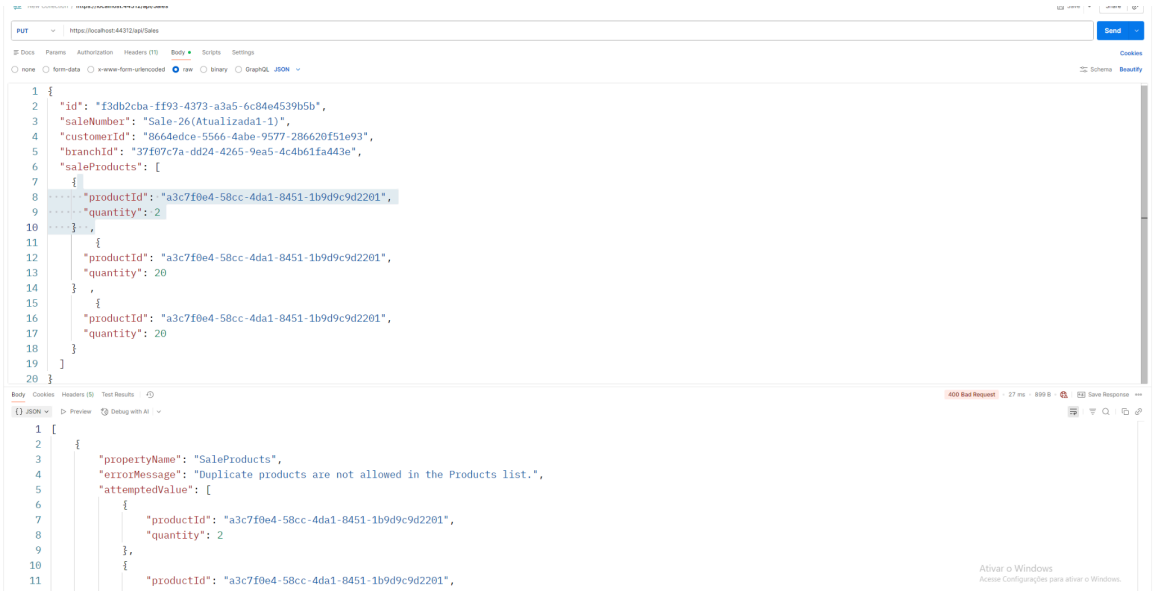




```
{
  "id": "f3db2cba-ff93-4373-a3a5-6c84e4539b5b",
  "saleNumber": "Sale-26(Atualizada1-1)",
  "customerId": "8664edce-5566-4abe-9577-286620f51e93",
  "branchId": "37f07c7a-dd24-4265-9ea5-4c4b61fa443e",
  "saleProducts": [
    {
      "productId": "a3c7f0e4-58cc-4da1-8451-1b9d9c9d2201",
      "quantity": 2
    } ,
      {
      "productId": "c621a8cd-366f-4c8e-93c2-fb8b20a7f9b1",
      "quantity": 20
    } ,
      {
      "productId": "49f45422-7557-4ab1-b0ef-4374aae75d36",
      "quantity": 20
    }
  ]
}
```


```
            "id": "2cdbde12-fd75-446d-89a3-03574e9cfdf4",
            "quantity": 2,
            "discountPercent": 0.0,
            "unitPrice": 4.500
        },
        {
            "id": "fc2fd243-2a08-4d9b-8a93-bdacc26c7269",
            "quantity": 20,
            "discountPercent": 20.0,
            "unitPrice": 2.560
        },
```

- Tentar atualizar com itens duplicados:

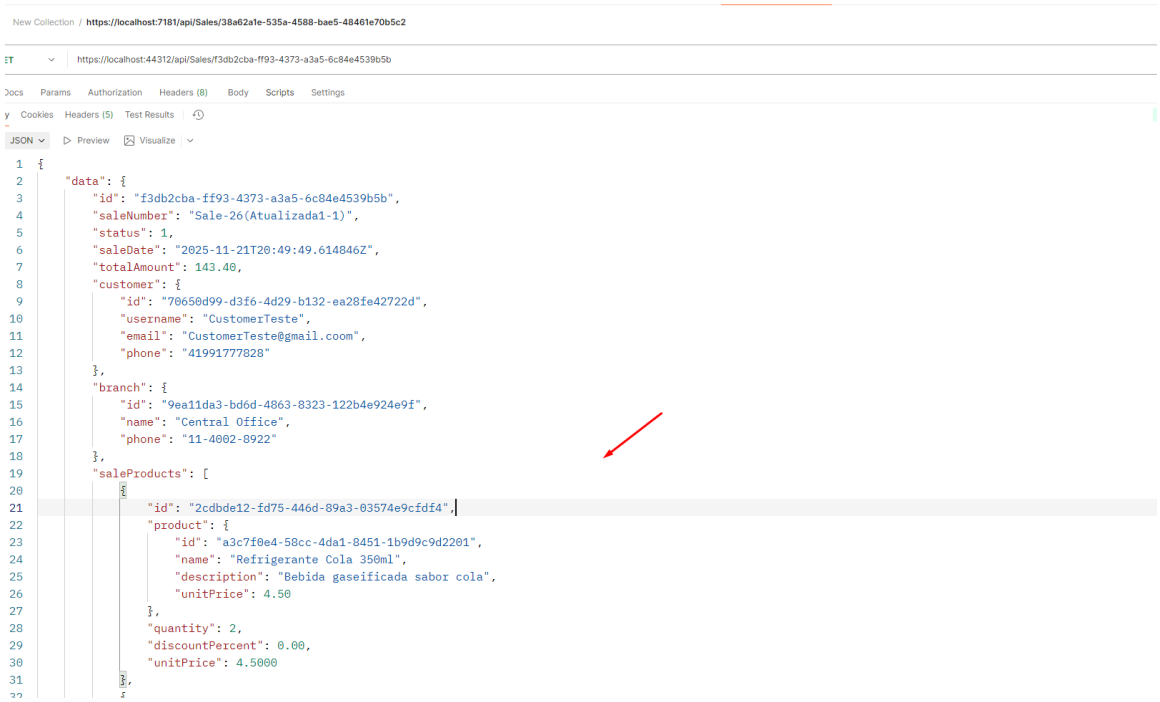


PATCH /sale/{saleId}/cancel-item - Cancela 1 item da venda

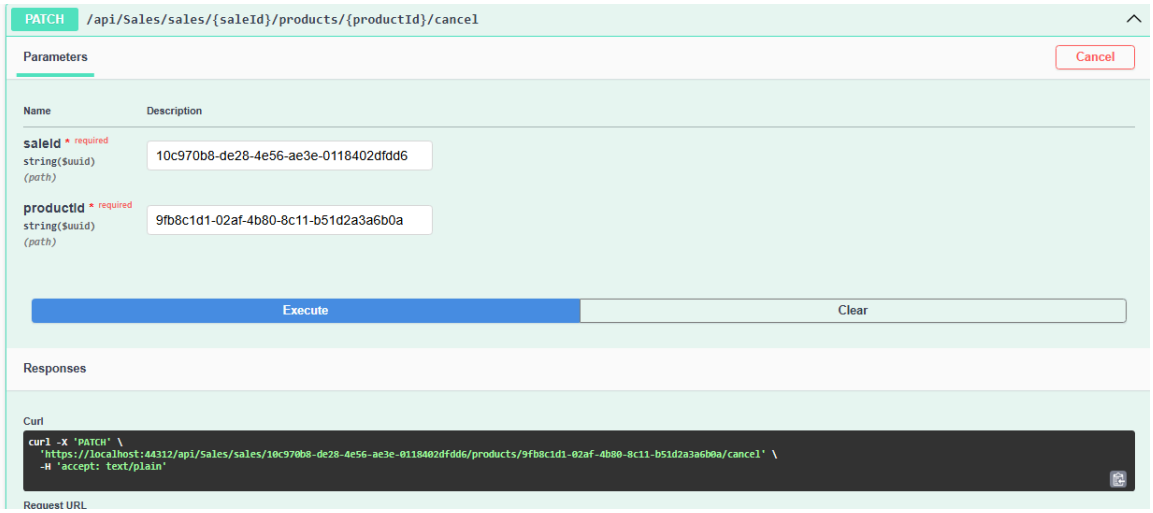
Remove um item da venda mantendo a coerência das regras de negócio aplicadas.

- Cancelar produto 10c970b8-de28-4e56-ae3e-0118402dfdd6 da venda 10c970b8-de28-4e56-ae3e-0118402dfdd6
- Obs: Mantém o valor dos itens, mas o itens se tornam cancelados (apenas para ilustrações futuras) e o valor da compra passa a não contar com o valor do item.

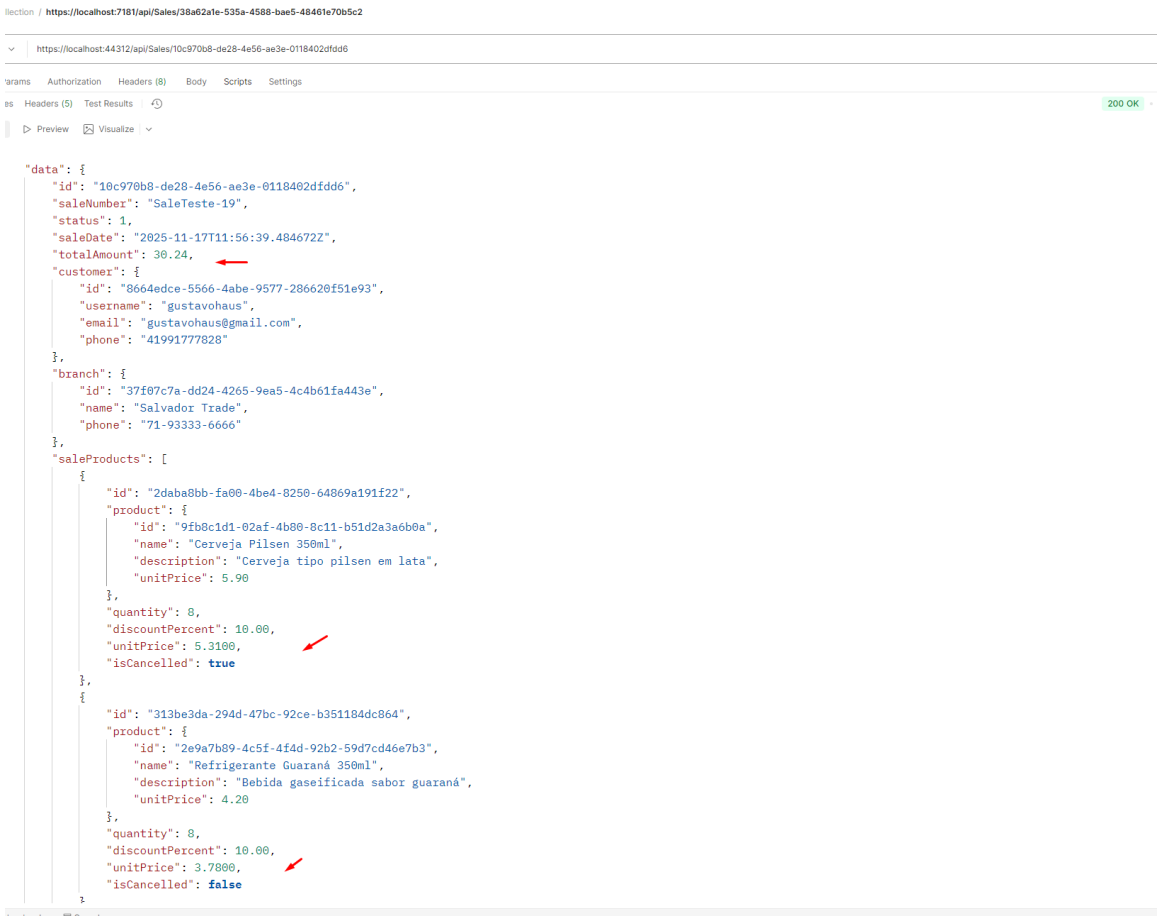
Antes:



Request:



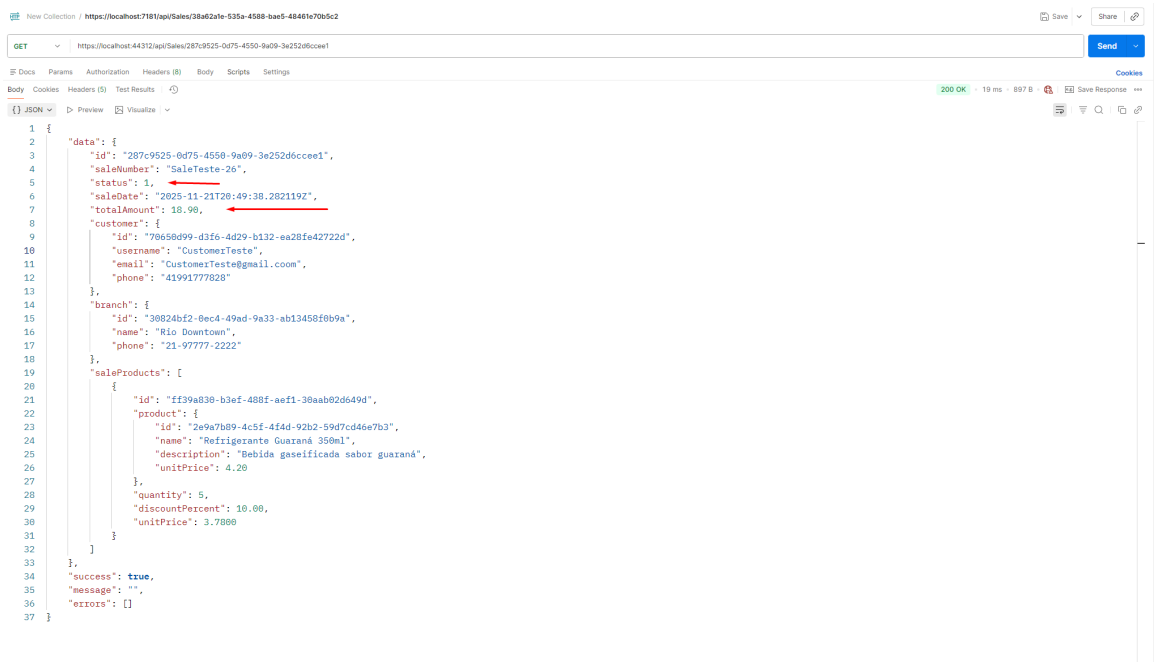
Após:



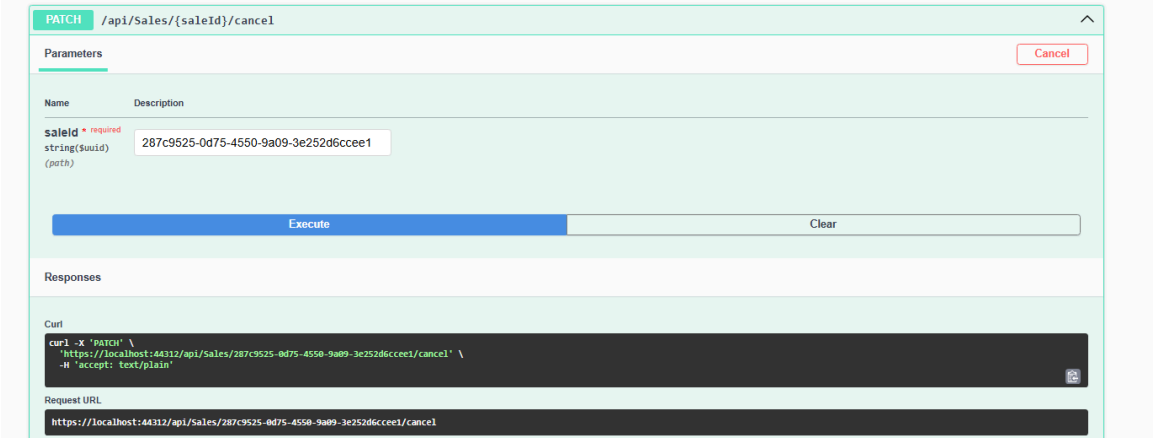
PATCH /sale/{saleId}/cancel - Cancela a venda completa

Cancela totalmente a venda, alterando seu status e impedindo operações futuras.

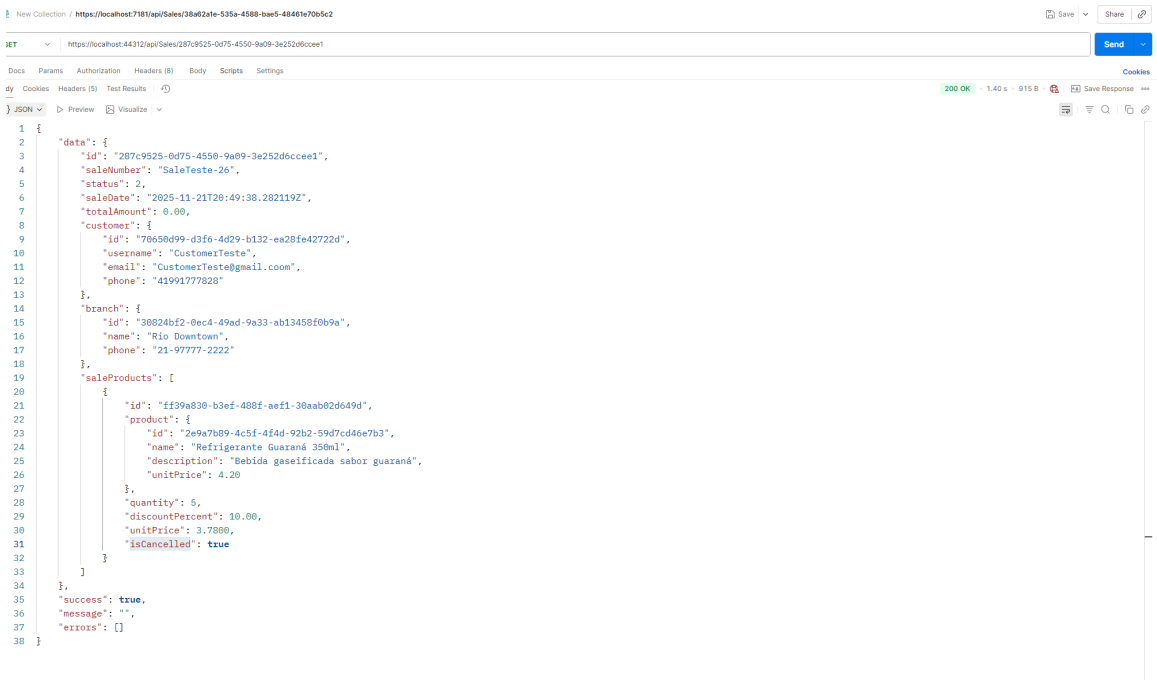
Antes:



Request:



Response:

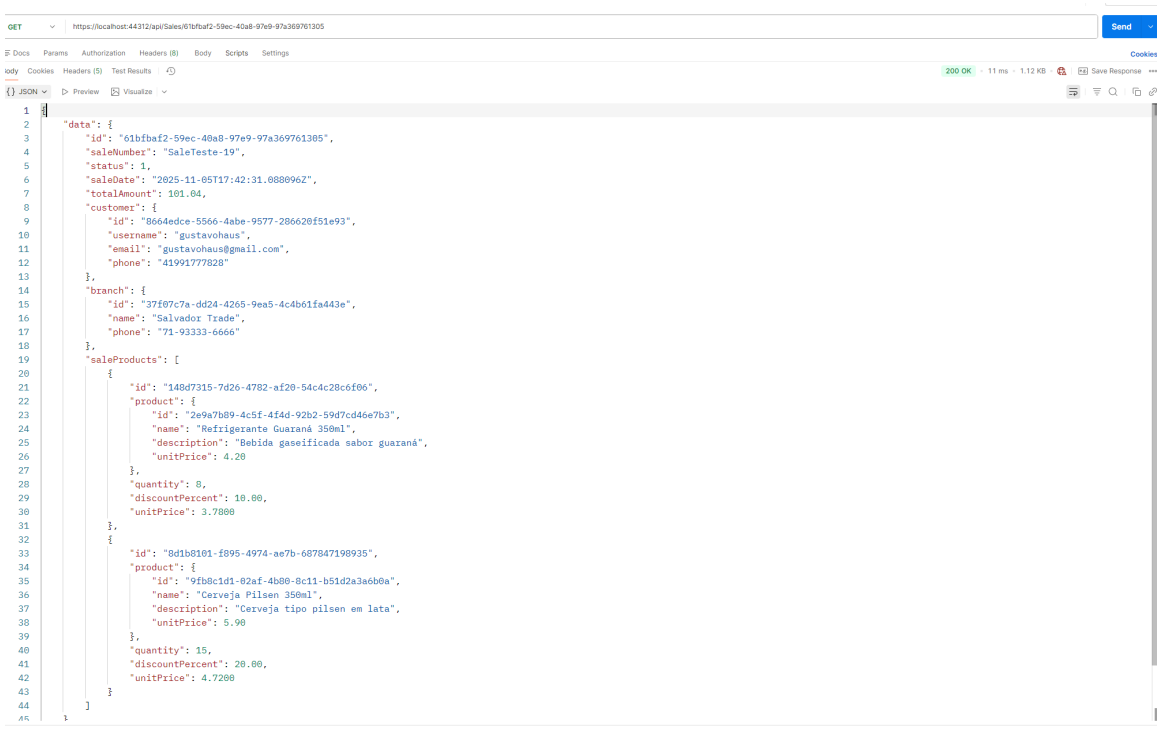


Obs: Mantém o valor dos itens, mas a compra inteira e os itens se tornam cancelados (apenas para ilustrações futuras), inclusive o valor da compra é zerado.

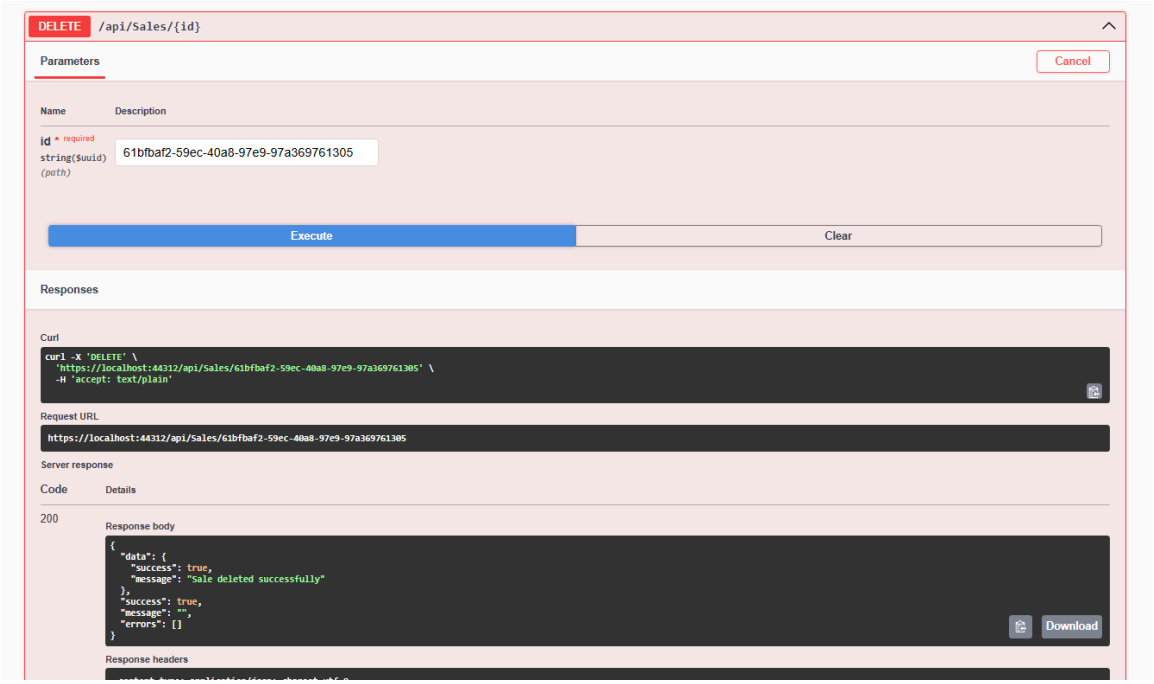
DELETE /sale/{saleId} - Remove venda

Exclui definitivamente o registro da venda.

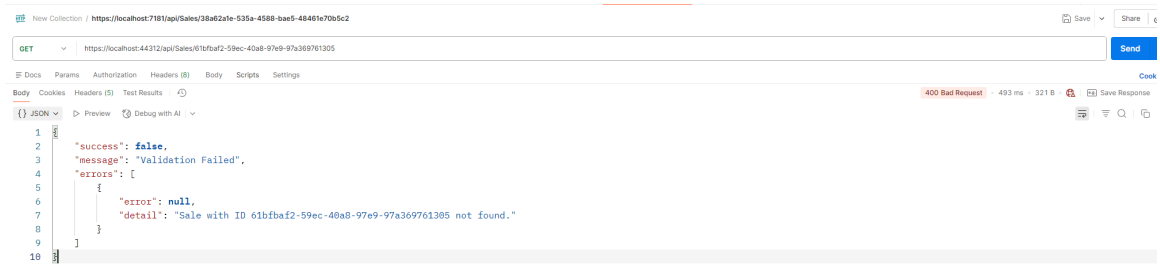
Antes:



Request:



Após:


New Collection / https://localhost:7181/api/Sales/38a62a1e-535a-4588-bae5-48461e70b5c2
Save
Share
GET
https://localhost:44312/api/Sales/61bfbaf2-59ec-40a8-97e9-97a369761305
Send
Docs
Params
Authorization
Headers (8)
Body
Scripts
Settings
Body
Cookies
Headers (5)
Test Results
400 Bad Request
493 ms
321 B
Save Response
JSON
Preview
Debug with AI
{
"success": false,
"message": "Validation Failed",
"errors": [
{
"error": null,
"detail": "Sale with ID 61bfbaf2-59ec-40a8-97e9-97a369761305 not found."
}
]
}