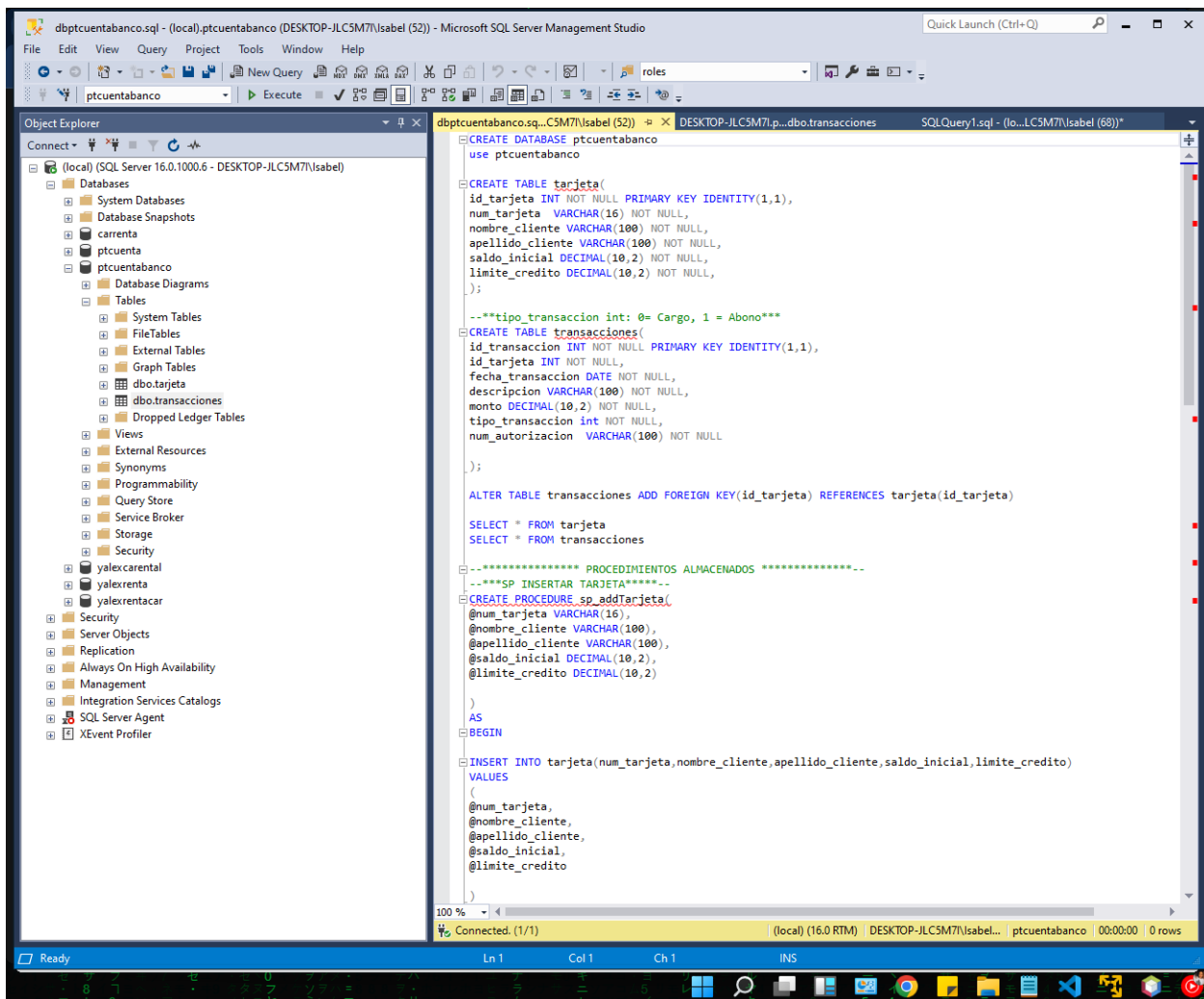


PRUEBA TÉCNICA DESARROLLADOR DE SERVICIOS WEB JUNIOR

Nombre: María Isabel Valencia Cisneros

TESTING DE LA SOLUCIÓN

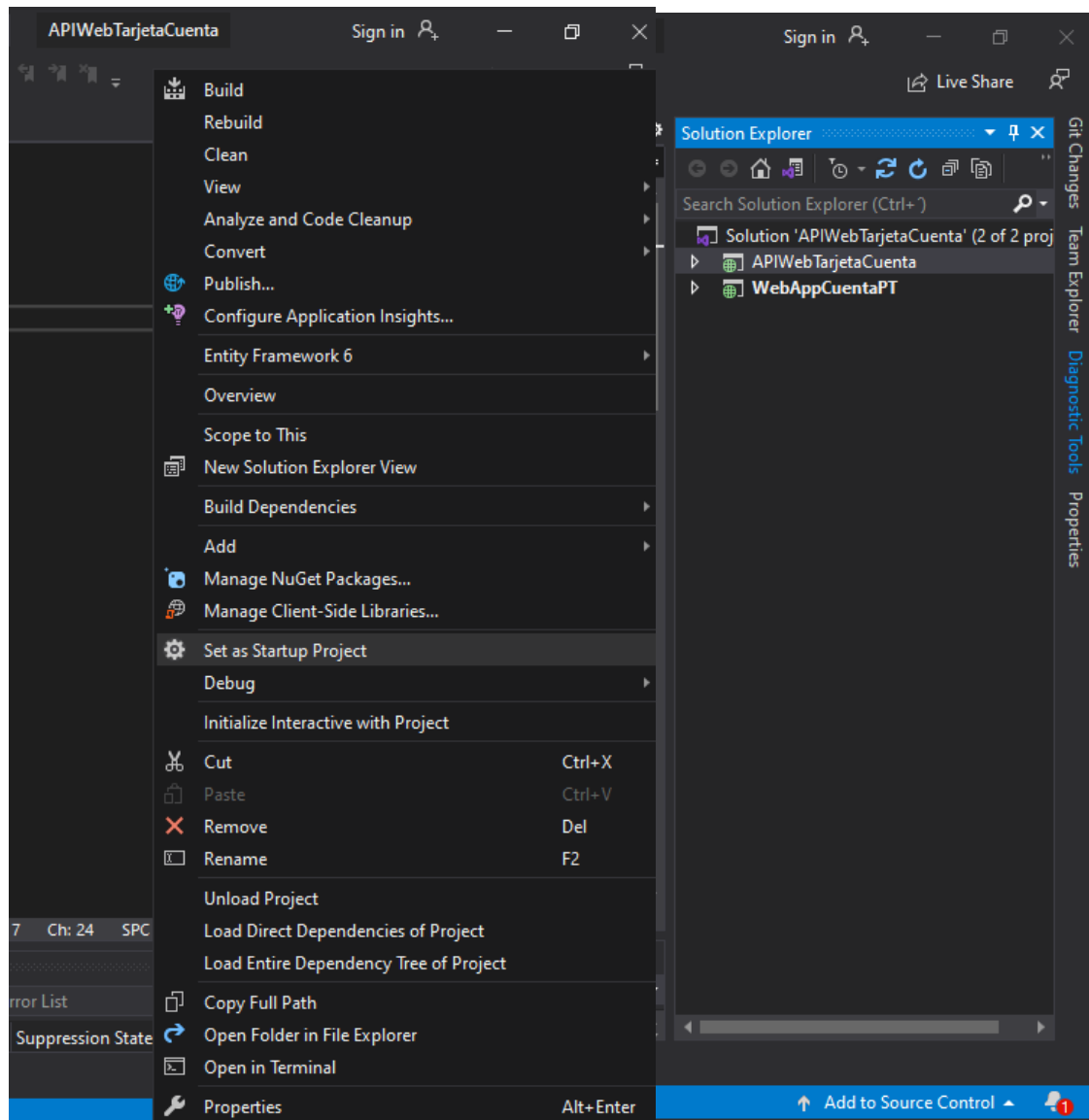
Correr la base de datos en SQL Server con el scrip adjuntado “dbptcuentabanco”



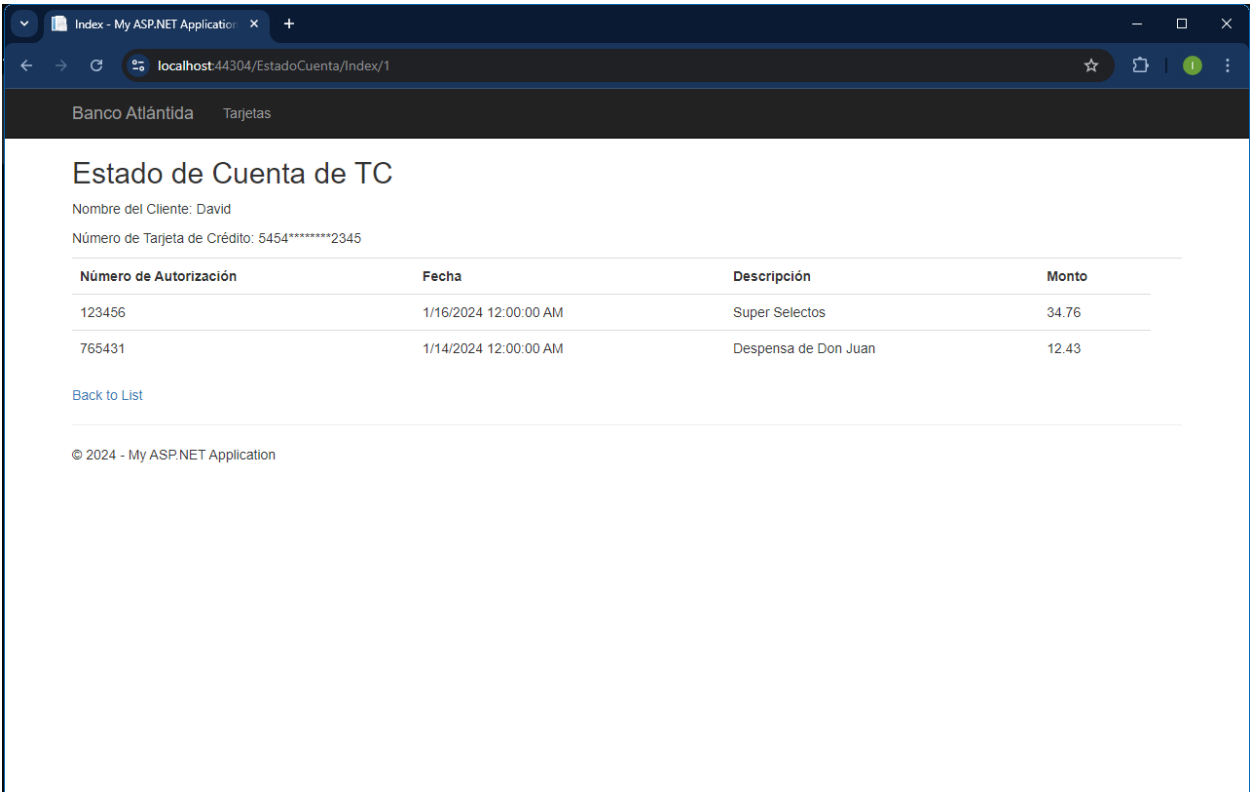
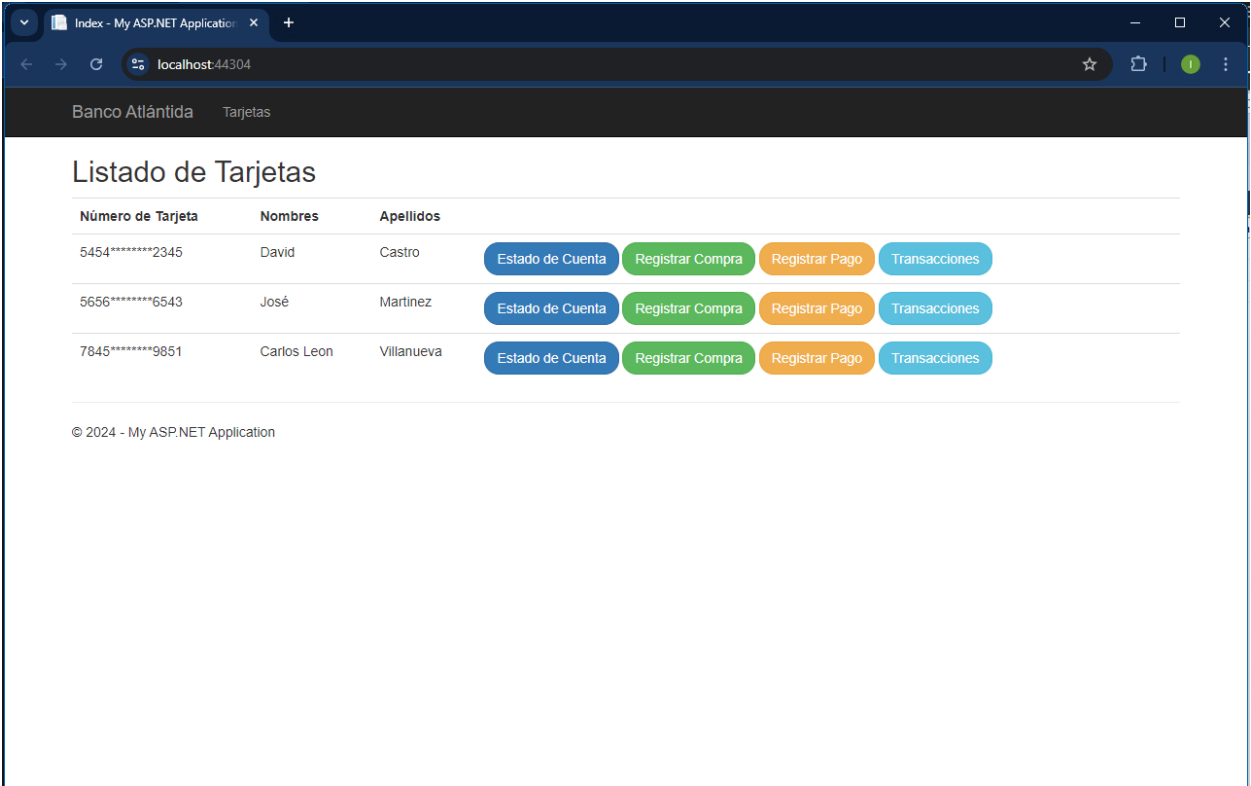
PARA HACER LA PRUEBA DE CUALQUIERA DE LAS SOLUCIONES, en Microsoft Visual Studio

Posicionarse en el proyecto a probar, dar clic derecho y dar clic en la opción:

Set as StartUp Proyet para definir en la solución que proyecto se iniciara por defecto



Corremos el proyecto WebApp



Create - My ASP.NET Application

localhost:44304/transacciones/Create/1

Banco AtlántidaTarjetas

Registrar Compra

transaccione

id_tarjeta

5454321656892345

fecha_transaccion

descripcion

monto

tipo_transaccion

num_autorizacion

Create

[Back to List](#)

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CreatePago - My ASP.NET Appl

localhost:44304/transacciones/CreatePago/1

Banco AtlántidaTarjetas

Registrar Pago

transaccione

id_tarjeta

5454321656892345

fecha_transaccion

descripcion

monto

tipo_transaccion

num_autorizacion

Create

[Back to List](#)

© 2024 - My ASP.NET Application

Index - My ASP.NET Application

localhost:44304/transacciones/Index/1

Banco AtlántidaTarjetas

Transacciones

Nombre del Cliente: David

Número de Tarjeta de Crédito: 5454*****2345

Número de Autorización	Fecha	Descripción	Cargo	Abono
123456	1/16/2024 12:00:00 AM	Super Selectos	34.76	34.76
765431	1/14/2024 12:00:00 AM	Despensa de Don Juan	12.43	12.43

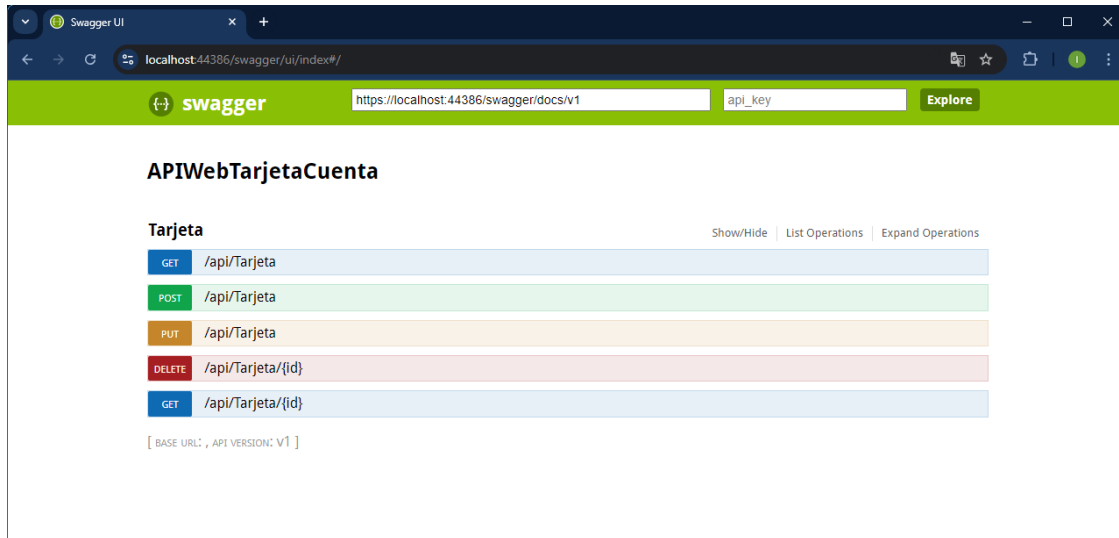
[Back to List](#)

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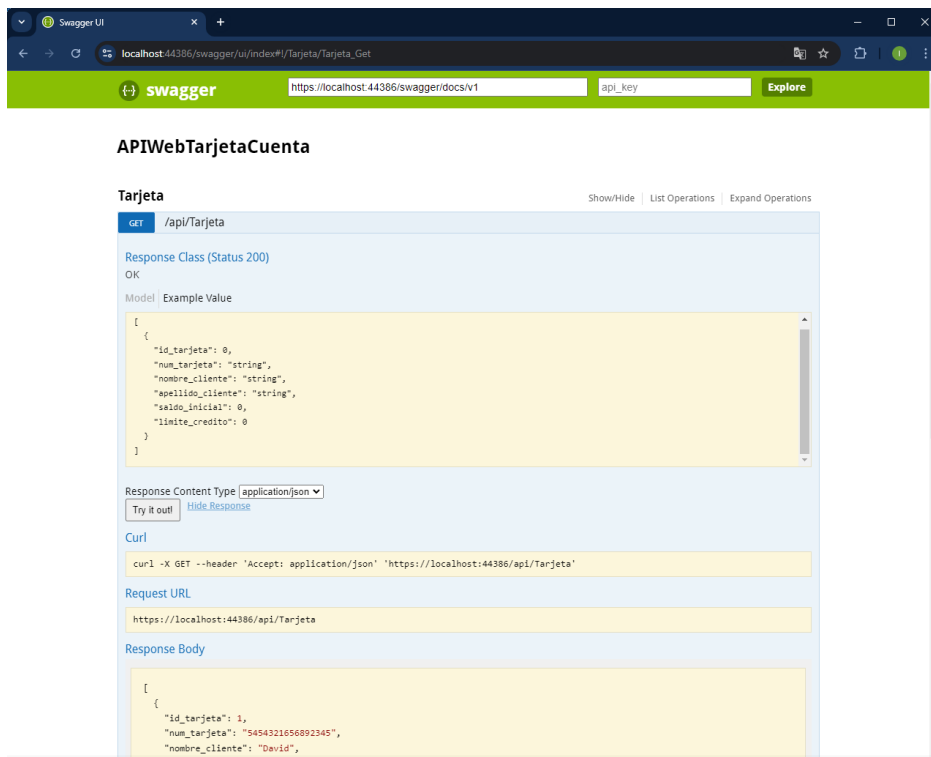
Para Probar el proyecto Web API , después de correrlo e iniciarlo se abrirá en el navegador

CONSUMO DE REST API CON SWAGGER

<https://localhost:44308/swagger/ui/index>



GET



Swagger UI

localhost:44386/swagger/ui/index#/Tarjeta/Tarjeta_Get

Try it out

Curl

curl -X GET --header 'Accept: application/json' 'https://localhost:44386/api/Tarjeta'

Request URL

https://localhost:44386/api/Tarjeta

Response Body

```
[
  {
    "id_tarjeta": 1,
    "num_tarjeta": "5454321656892345",
    "nombre_cliente": "David",
    "apellido_cliente": "Castro",
    "saldo_inicial": 145,
    "limite_credito": 2000
  },
  {
    "id_tarjeta": 2,
    "num_tarjeta": "5656185236946543",
    "nombre_cliente": "José",
    "apellido_cliente": "Martinez",
    "saldo_inicial": 256,
    "limite_credito": 2000
  }
]
```

Response Code

200

Response Headers

```
{
  "cache-control": "no-cache",
  "content-length": "305",
  "content-type": "application/json; charset=utf-8",
  "date": "Sun, 18 Aug 2024 09:16:54 GMT",
  "expires": "-1",
  "pragma": "no-cache",
  "server": "Microsoft-IIS/10.0",
  "x-aspnet-version": "4.0.30319",
  "x-powered-by": "ASP.NET",
  "x-sourcefiles": "=?UTF-8?B?QzpcVXN1cnNcSXNhYmVsXHVudXQjZVxyZXBvc1x8BUElXZlUyYXJqZXRhQ3V1bnRhXEFQSVd1Y1Rhcmp1dGFDdlVudGFcYXhpXFRh"
}
```

GET ID

Swagger UI interface showing the GET /api/Tarjeta/{id} endpoint.

DELETE /api/Tarjeta/{id}

GET /api/Tarjeta/{id}

Response Class (Status 200)
OK

Model | Example Value

```
{
  "id_tarjeta": 0,
  "num_tarjeta": "string",
  "nombre_cliente": "string",
  "apellido_cliente": "string",
  "saldo_inicial": 0,
  "limite_credito": 0
}
```

Response Content Type:

Parameters

Parameter	Value	Description	Parameter Type	Data Type
id	<input type="text" value="4"/>		path	integer

[Try it out!](#) [Hide Response](#)

Curl

```
curl -X GET --header 'Accept: application/json' 'https://localhost:44386/api/Tarjeta/4'
```

Request URL

```
https://localhost:44386/api/Tarjeta/4
```

Response Body

```
{
  "id_tarjeta": 4,
  "num_tarjeta": "7845262351269851",
  "nombre_cliente": "Carlos Leon",
  "apellido_cliente": "Villanueva",
  "saldo_inicial": 650,
  "limite_credito": 2000
}
```


POST

Swagger UI

localhost:44386/swagger/ui/index#/Tarjeta/Tarjeta_Post

POST /api/Tarjeta

Response Class (Status 200)
boolean

Response Content Type application/json

Parameters

Parameter	Value	Description	Parameter Type	Data Type
oTarjeta	<pre>{ "num_tarjeta": "7845262351269851", "nombre_cliente": "Leon", "apellido_cliente": "Villanueva", "saldo_inicial": "500", "limite_credito": "2000"} </pre>		body	Model Example Value <pre>{ "id_tarjeta": 0, "num_tarjeta": "string", "nombre_cliente": "string", "apellido_cliente": "string", "saldo_inicial": 0, "limite_credito": 0}</pre>

Parameter content type:
application/json

Try it out! [Hide Response](#)

Curl

```
curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json' -d '{ \  "num_tarjeta": "7845262351269851", \  "nombre_cliente": "Leon", \  "apellido_cliente": "Villanueva", \  "saldo_inicial": "500", \  "limite_credito": "2000" \}' 'https://localhost:44386/api/Tarjeta'
```

Request URL
https://localhost:44386/api/Tarjeta

Response Body

```
true
```

Response Code
200

Response Headers

```
{  "Content-Type": "application/json",  "Status": 200}
```

PUT

Swagger UI

localhost:44386/swagger/ui/index#!/Tarjeta/Tarjeta_Put

PUT

/api/Tarjeta

Response Class (Status 200)

boolean

Response Content Type

application/json

Parameters

Parameter	Value	Description	Parameter Type	Data Type
oTarjeta	<div><div>{ "id_tarjeta": "4", "num_tarjeta": "7845262351269851", "nombre_cliente": "Carlos Leon", "apellido_cliente": "Villanueva", "saldo_inicial": "650", "limite_credito": "2000" }</div><div>Parameter content type: <div>application/json</div></div></div>		body	<div>Model Example Value</div> <div><div>{ "id_tarjeta": 0, "num_tarjeta": "string", "nombre_cliente": "string", "apellido_cliente": "string", "saldo_inicial": 0, "limite_credito": 0 }</div></div>

Try it out!

Hide Response

Curl

```
curl -X PUT --header 'Content-Type: application/json' --header 'Accept: application/json' -d '{ \
  "id_tarjeta": "4", \
  "num_tarjeta": "7845262351269851", \
  "nombre_cliente": "Carlos Leon", \
  "apellido_cliente": "Villanueva", \
  "saldo_inicial": "650", \
  "limite_credito": "2000" \
}' 'https://localhost:44386/api/Tarjeta'
```

Request URL

https://localhost:44386/api/Tarjeta

Response Body

true

Response Code

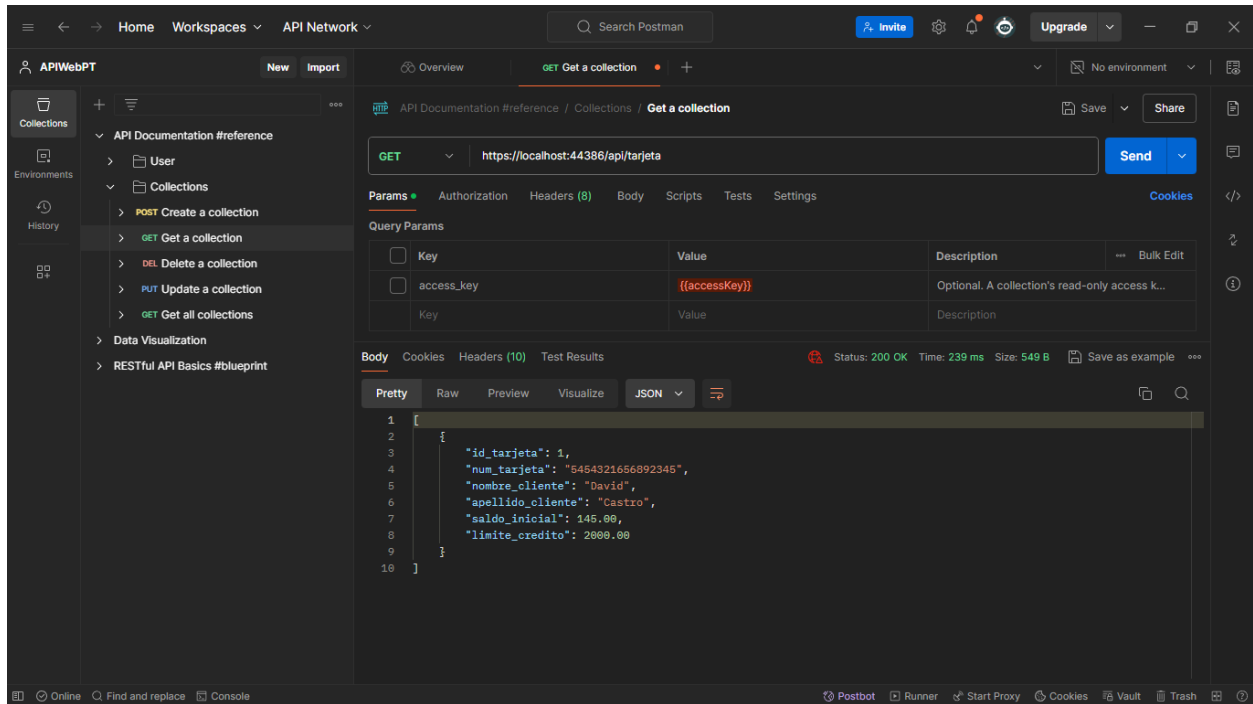
200

Response Headers

TESTING EN POSTMAN INCLUIDOS LOS EDPOINTS

URL: <https://localhost:44386/api/tarjeta>

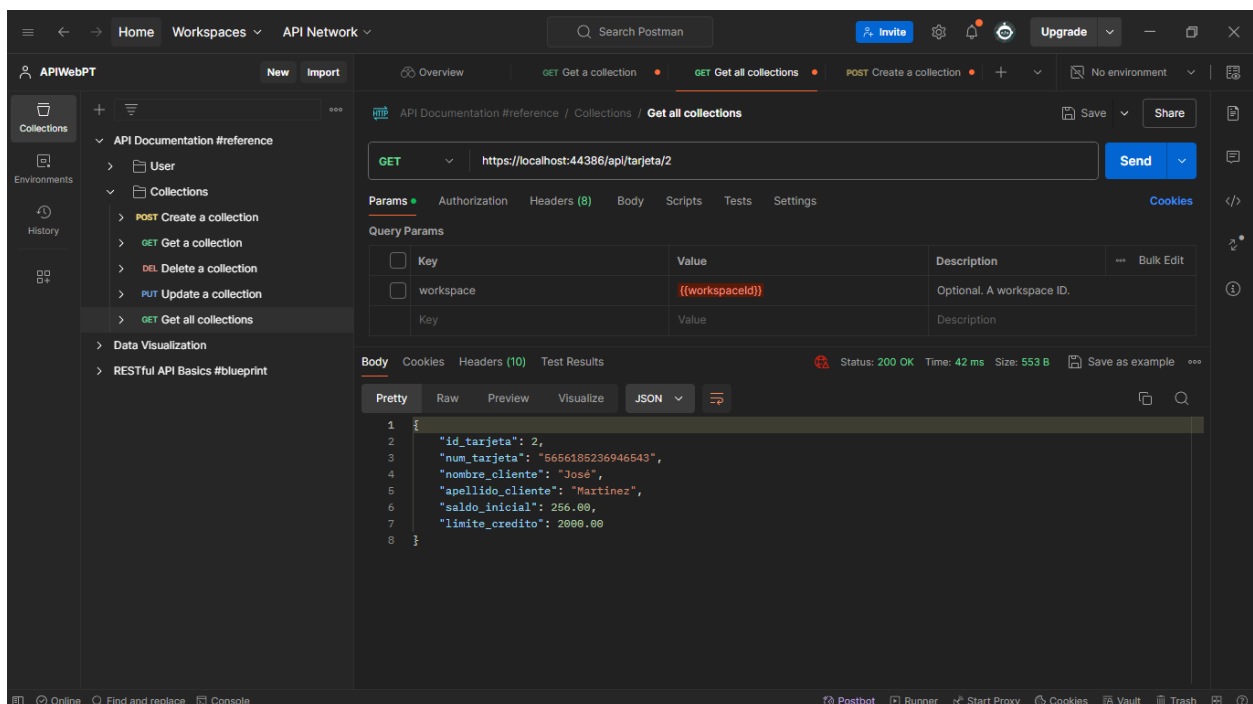
GET



The screenshot shows the Postman interface with a GET request to `https://localhost:44386/api/tarjeta`. The request is configured with a query parameter `access_key` with the value `{{accessToken}}`. The response is a JSON object with the following data:

```
1 {
2   "id_tarjeta": 1,
3   "num_tarjeta": "5454321666892345",
4   "nombre_cliente": "David",
5   "apellido_cliente": "Castro",
6   "saldo_inicial": 145.00,
7   "limite_credito": 2000.00
8 }
```

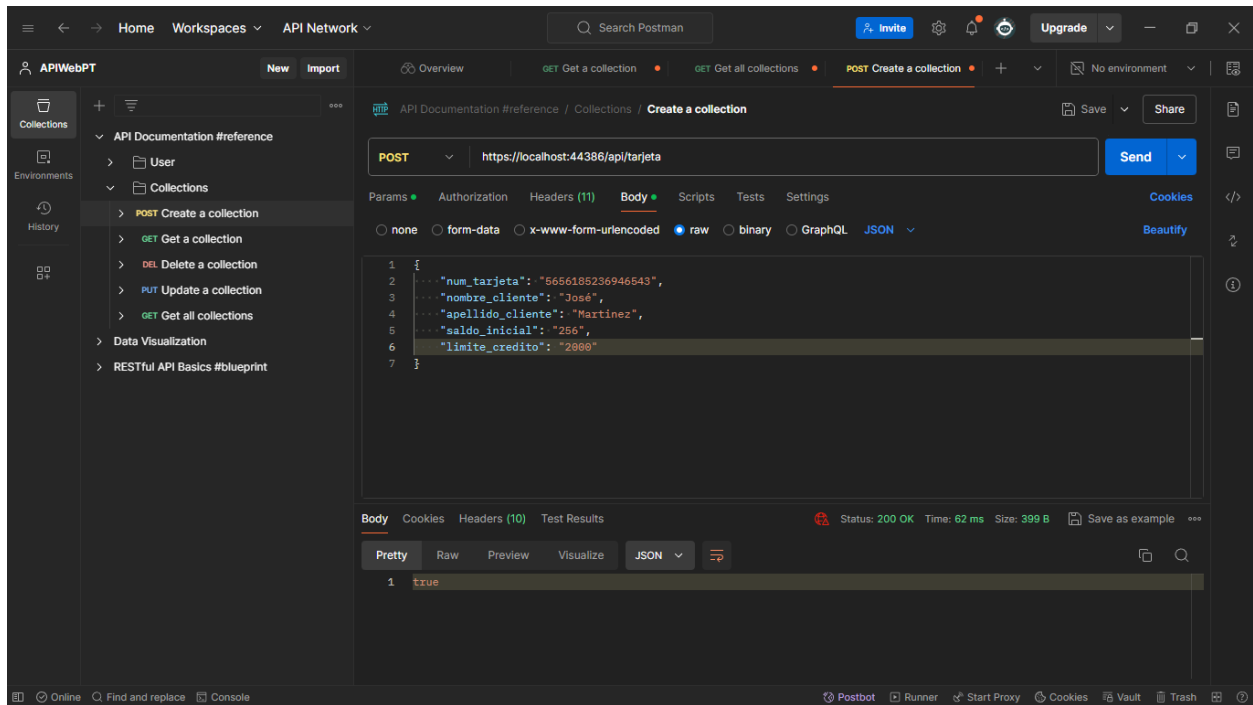
GET ESPECIFICO



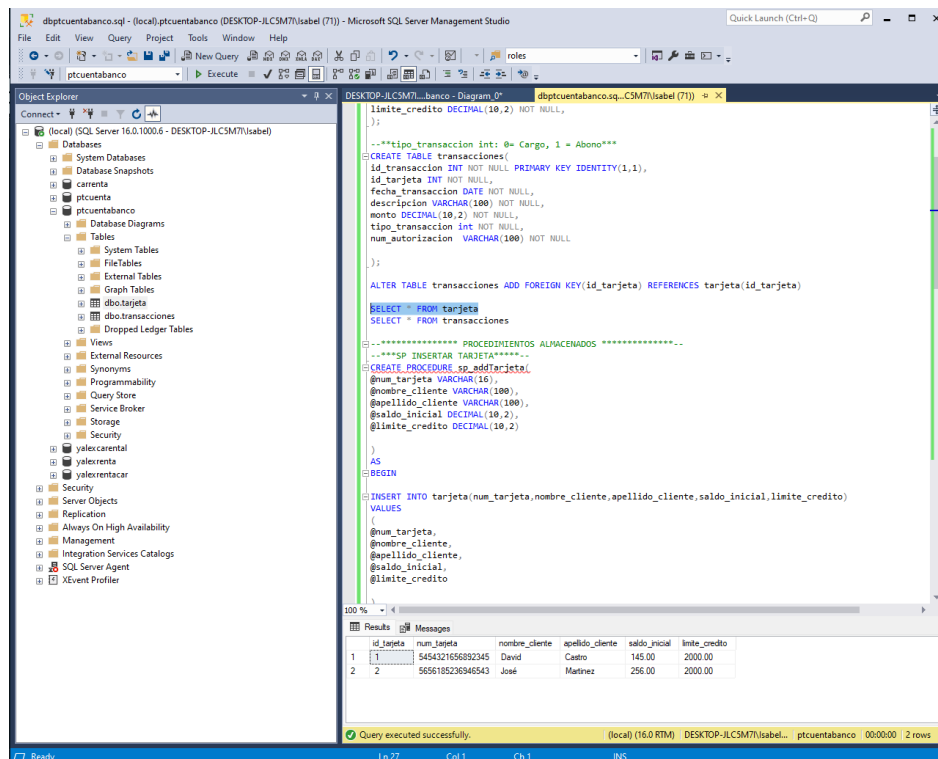
The screenshot shows the Postman interface with a GET request to `https://localhost:44386/api/tarjeta/2`. The request is configured with a query parameter `workspace` with the value `{{workspaceid}}`. The response is a JSON object with the following data:

```
1 {
2   "id_tarjeta": 2,
3   "num_tarjeta": "5656185236946543",
4   "nombre_cliente": "José",
5   "apellido_cliente": "Martínez",
6   "saldo_inicial": 256.00,
7   "limite_credito": 2000.00
8 }
```

POST



COMPROBAMOS QUE SE AGREGA A LA COLECCIÓN EL USUARIO INGRESADO



API Network

Search Postman

APIWebPT

Overview GET Get a collection GET Get all collections POST Create a collection

API Documentation #reference / Collections / Get a collection

GET https://localhost:44386/ap/tarjeta

Params Authorization Headers (8) Body Scripts Tests Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
access_key	{{accessToken}}	Optional. A collection's read-only access k...	
Key	Value	Description	

Body Cookies Headers (10) Test Results Status: 200 OK Time: 21 ms Size: 702 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   {
3     "id_tarjeta": 1,
4     "num_tarjeta": "5454321656892345",
5     "nombre_cliente": "David",
6     "apellido_cliente": "Castro",
7     "saldo_inicial": 145.00,
8     "limite_credito": 2000.00
9   },
10  {
11    "id_tarjeta": 2,
12    "num_tarjeta": "5656185236946543",
13    "nombre_cliente": "José",
14    "apellido_cliente": "Martínez",
15    "saldo_inicial": 256.00,
16    "limite_credito": 2000.00
17  }
```

PUT

API Network

Search Postman

APIWebPT

Overview GET Get a collection GET Get all collections POST Create a collection PUT Update a collection

API Documentation #reference / Collections / Update a collection

PUT https://localhost:44386/ap/tarjeta

Params Authorization Headers (11) Body Scripts Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "id_tarjeta": "3",
3   "num_tarjeta": "7845262351269851",
4   "nombre_cliente": "Carlos Leon",
5   "apellido_cliente": "Villanueva",
6   "saldo_inicial": "650",
7   "limite_credito": "2000"
8 }
```

Body Cookies Headers (10) Test Results Status: 200 OK Time: 21 ms Size: 399 B Save as example

Pretty Raw Preview Visualize JSON

```
1 true
```

COMPROBACIÓN DEL PUT AL MODIFICAR EL REGISTRO

100 %						
Results Messages						
	id_tarjeta	num_tarjeta	nombre_cliente	apellido_cliente	saldo_inicial	limite_credito
1	1	5454321656892345	David	Castro	145.00	2000.00
2	2	5656185236946543	José	Martinez	256.00	2000.00
3	3	7845262351269851	Carlos Leon	Villanueva	650.00	2000.00

✓ Query executed successfully. | (local) (16.0 RTM) | DESKTOP-JLC5M7I\Isabel... | ptcuentabanco

APIWebPT

Home Workspaces API Network

Search Postman

API Documentation #reference / Collections / Get a collection

GET https://localhost:44386/api/tarjeta

Params Authorization Headers (8) Body Scripts Tests Settings Cookies

Query Params

Key	Value	Description
access_key	{{accessToken}}	Optional. A collection's read-only access k...
Key	Value	Description

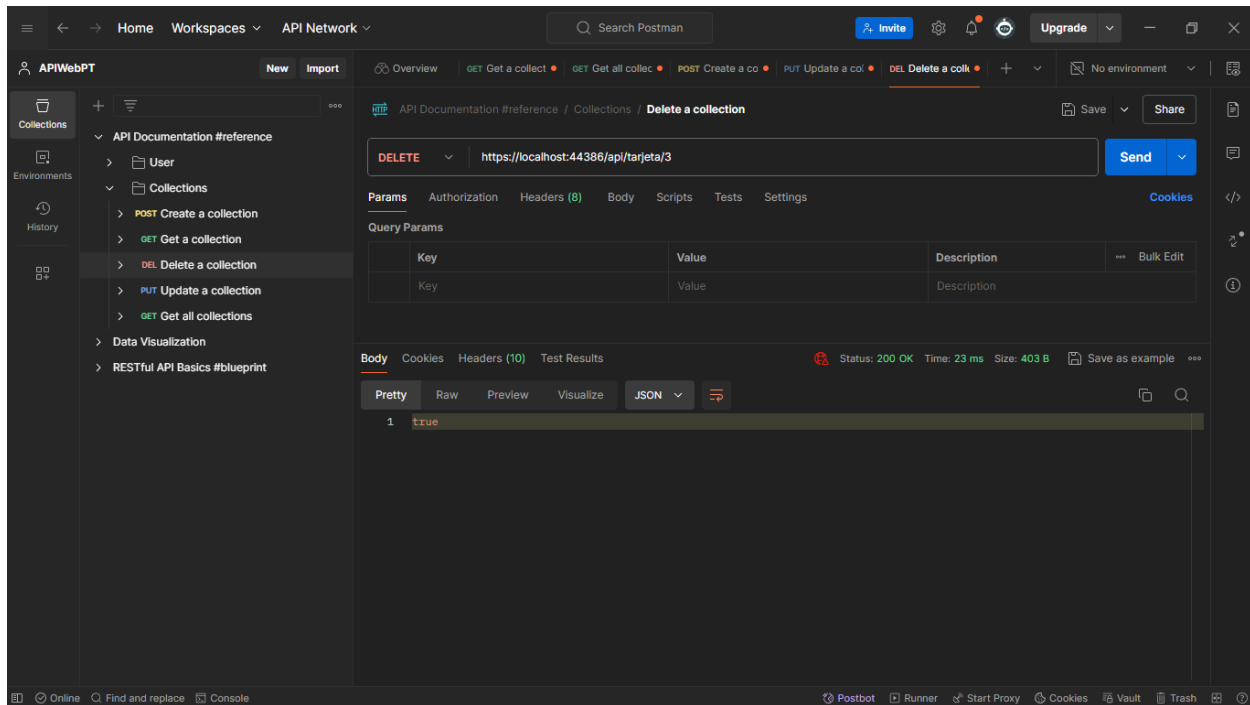
Body Cookies Headers (10) Test Results

Status: 200 OK Time: 11 ms Size: 863 B

Pretty Raw Preview Visualize JSON

```
7  {
8    "saldo_inicial": 145.00,
9    "limite_credito": 2000.00
10  },
11  {
12    "id_tarjeta": 2,
13    "num_tarjeta": "5656185236946543",
14    "nombre_cliente": "José",
15    "apellido_cliente": "Martinez",
16    "saldo_inicial": 256.00,
17    "limite_credito": 2000.00
18  },
19  {
20    "id_tarjeta": 3,
21    "num_tarjeta": "7845262351269851",
22    "nombre_cliente": "Carlos Leon",
23    "apellido_cliente": "Villanueva",
```

DELETE



COMPROBACIÓN DELETE

	id_tarjeta	num_tarjeta	nombre_cliente	apellido_cliente	saldo_inicial	limite_credito
1	1	5454321656892345	David	Castro	145.00	2000.00
2	2	5656185236946543	José	Martinez	256.00	2000.00

Query executed successfully. | (local) (16.0 RTM) | DESKTOP-JLC5M7H\Isabel... | ptcuentabanco

