

Universidad Cenfotec



BISOFT-13 Proyecto de Ingeniería del Software 2

Laboratorio 3

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Fecha de Entrega

Semana 6

REPOSITORIO:https://tomatejuan@dev.azure.com/tomatejuan/Lab3_Proy2/_git/Lab3_Proj2

FUNCIONALIDADES

Se adjunta en otro fólder las fotos debido al impedimento en resolución en este archivo.

Crear Cliente

The screenshot displays the Postman application interface. On the left, a sidebar shows a workspace named 'Lab3' with a folder 'Cliente' containing several API requests: 'POST Crear Cliente' (selected), 'GET Listar Clientes', 'PUT Modificar Cliente', 'GET Listar Por ID Cliente', and 'DEL Eliminar Cliente'. Below this, other folders like 'Cuenta', 'Credito', 'Direccion', 'Movimiento', 'Pago', 'Iodelprofe', 'operacionesVarias', and 'suma' are visible. The main panel shows the details of the 'POST Crear Cliente' request. The URL is 'https://localhost:44315/api/Cliente'. The 'Body' tab is selected, showing a JSON payload:

```
{  "cedula": "333",  "nombre": "Gezman",  "apellido": "Domingo",  "fecha_nacimiento": "1994-02-28",  "edad": 29,  "estado_civil": "Casado",  "genero": "Masculino"}
```

. The bottom panel shows the response in 'Pretty' format, which is a 201 status code:

```
{  "cedula": "333",  "nombre": "Gezman",  "apellido": "Domingo",  "fecha_nacimiento": "1994-02-28T00:00:00",  "edad": 29,  "estado_civil": "Casado",  "genero": "Masculino"}
```

. The status bar at the bottom indicates 'Status: 201 Created', 'Time: 223 ms', and 'Size: 545 B'.

Listar Clientes

Import

[CONFLICT] DEL Eliminar...

[CONFLICT] GET Listar ...

Overview

POST Crear Cliente

GET Listar Clientes

X

+

...

No Environment

Lab3 / Cliente / Listar Clientes

GET

https://localhost:44315/api/Cliente

Sand

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk
Key	Value	Description		

Body

Cookies

Headers (10)

Test Results

Status: 200 OK Time: 17 ms Size: 832 B Save Response

Pretty

Raw

Preview

Visualize

JSON

...

```
1 {
2   "cedula": "123",
3   "nombre": "Juan",
4   "apellido": "Perez",
5   "fecha_nacimiento": "1990-10-14T00:00:00",
6   "edad": 30,
7   "estado_civil": "Casado",
8   "genero": "Masculino",
9 }
10 {
11   "cedula": "333",
12   "nombre": "German",
13   "apellido": "Domingo",
14   "fecha_nacimiento": "1994-02-28T00:00:00",
15   "edad": 29,
16   "estado_civil": "Casado",
17   "genero": "Masculino",
18 }
19 {
20 }
```

Modificar Cliente

The screenshot shows the Postman interface for a PUT request to `https://localhost:44315/api/Cliente`. The request body is a JSON object with the following fields:

```
1 {
2   "cedula": "333",
3   "nombre": "Domingo",
4   "apellido": "Flaque",
5   "fecha_nacimiento": "1999-12-15",
6   "edad": 21,
7   "estado_civil": "Soltero",
8   "genero": "Masculino"
9 }
```

The response status is 200 OK, with a time of 21 ms and a size of 541 B. The response body is displayed in JSON format:

```
1 {
2   "cedula": "333",
3   "nombre": "Domingo",
4   "apellido": "Flaque",
5   "fecha_nacimiento": "1999-12-15T00:00:00",
6   "edad": 21,
7   "estado_civil": "Soltero",
8   "genero": "Masculino"
9 }
```

Listar Por Id Cliente

The screenshot shows the Postman interface for a GET request to `https://localhost:44315/api/Cliente?id=123`. The query parameter `id` is set to 123. The response status is 200 OK, with a time of 27 ms and a size of 609 B. The response body is displayed in JSON format:

```
1 {
2   "cedula": "123",
3   "nombre": "Juan",
4   "apellido": "Perez",
5   "fecha_nacimiento": "1990-10-14T00:00:00",
6   "edad": 39,
7   "estado_civil": "Casado",
8   "genero": "Masculino"
9 }
```

Eliminar Cliente

Lab3 / Cliente / Eliminar Cliente

DELETE <https://localhost:44315/api/Cliente?id=333> [Send](#)

Params Authorization Headers (6) Body Pre-request Script Tests Settings [Cookies](#)

Query Params

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> id	333	
Key	Value	Description

Body Cookies Headers (10) Test Results [Status: 200 OK](#) [Time: 68 ms](#) [Size: 390 B](#) [Save Response](#)

Pretty Raw Preview Visualize JSON [Bulk Edit](#)

```
1 200
```

Crear Cuenta

Lab3 / Cuenta / Crear Cuenta

POST <https://localhost:44315/api/Cuenta> [Send](#)

Params Authorization Headers (8) Body Pre-request Script Tests Settings [Cookies](#)

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL [JSON](#) [Beautify](#)

```
1 {
2   "id_cuenta": 2,
3   "moneda": "Dolares",
4   "tipo": "A",
5   "saldo": 150.0,
6   "cliente_id": "123"
7 }
```

Body Cookies Headers (10) Test Results [Status: 201 Created](#) [Time: 16 ms](#) [Size: 471 B](#) [Save Response](#)

Pretty Raw Preview Visualize JSON [Beautify](#)

```
1 {
2   "id_cuenta": 2,
3   "moneda": "Dolares",
4   "tipo": "A",
5   "saldo": 150.0,
6   "cliente_id": "123"
7 }
```

Listar Cuentas

Lab3 / Cuenta / Listar Cuentas

GEThttps://localhost:44315/api/CuentaSend

ParamsAuthorizationHeaders (6)BodyPre-request ScriptTestsSettingsCookies

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

BodyCookiesHeaders (10)Test ResultsStatus: 200 OKTime: 14 msSize: 618 BSave Response

PrettyRawPreviewVisualizeJSON

```
1  [
2    {
3      "id_cuenta": 1,
4      "moneda": "Colones",
5      "tipo": "Ahorros",
6      "saldo": 500000.0000,
7      "cliente_id": "123"
8    },
9    {
10     "id_cuenta": 1002,
11     "moneda": "Dolares",
12     "tipo": "Dolares",
13     "saldo": 150.0000,
14     "cliente_id": "123"
15   }
16 ]
```

Modificar Cuenta

Lab3 / Cuenta / Modificar Cuenta

PUThttps://localhost:44315/api/CuentaSend

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettingsCookies

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

1 [
2 {
3 "id_cuenta": 1002,
4 "moneda": "Colones",
5 "tipo": "C",
6 "saldo": 200.0,
7 "cliente_id": "123"
8 }
9]

BodyCookiesHeaders (10)Test ResultsStatus: 200 OKTime: 5 msSize: 469 BSave Response

PrettyRawPreviewVisualizeJSON

```
1  [
2    {
3      "id_cuenta": 1002,
4      "moneda": "Colones",
5      "tipo": "C",
6      "saldo": 200.0,
7      "cliente_id": "123"
8    }
9  ]
```

Lista Por Id Cuenta

Lab3 / Cuenta / Lista Por ID Cuenta

Save Send

GET https://localhost:44315/api/Cuenta?id=1002

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

	KEY	VALUE	DESCRIPTION		
<input checked="" type="checkbox"/>	id	1002			
	Key	Value	Description		

Body Cookies Headers (10) Test Results

Status: 200 OK Time: 12 ms Size: 502 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_cuenta": 1002,
3   "moneda": "Colones",
4   "tipo": "Colones",
5   "saldo": 200.0000,
6   "cliente_id": "123"
7 }
```

Borrar Cuenta

Lab3 / Cuenta / Eliminar Cuenta

Save Send

DELETE https://localhost:44315/api/Cuenta?id=1002

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

	KEY	VALUE	DESCRIPTION		
<input checked="" type="checkbox"/>	id	1002			
	Key	Value	Description		

Body Cookies Headers (10) Test Results

Status: 200 OK Time: 10 ms Size: 390 B Save Response

Pretty Raw Preview Visualize JSON

```
1 200
```

Crear Crédito

Lab3 / Crédito / Crear Crédito

POST

https://localhost:44315/api/Credito

Send

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

1

2

3

4

5

6

7

8

9

10

11

1

2

3

4

5

6

7

8

9

10

11

Body

Cookies

Headers (10)

Test Results

Pretty

Raw

Preview

Visualize

JSON

1

2

3

4

5

6

7

8

9

10

11

1

2

3

4

5

6

7

8

9

10

11

Status: 201 Created

Time: 17 ms

Size: 561 B

Save Response

Listar Créditos

Lab3 / Crédito / Listar Creditos

GET

https://localhost:44315/api/Credito

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body

Cookies

Headers (10)

Test Results

Pretty

Raw

Preview

Visualize

JSON

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

Status: 200 OK

Time: 17 ms

Size: 822 B

Save Response

Modificar Créditos

Lab3 / Credito / Modificar Credito

PUT https://localhost:44315/api/Credito

Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings

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

```
1 {
2   "id_credito": 1002,
3   "monto": 100.0,
4   "tasa": 10.0,
5   "nombre_linea": "Gallox",
6   "cuota": 5.0,
7   "fecha_inicio": "2021-02-28",
8   "estado": "Revision",
9   "saldo": 100.0,
10  "cliente_id": "123"
11 }
```

Body Cookies Headers (10) Test Results

Status: 200 OK Time: 11 ms Size: 560 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_credito": 1002,
3   "monto": 100.0,
4   "tasa": 10.0,
5   "nombre_linea": "Gallox",
6   "cuota": 5.0,
7   "fecha_inicio": "2021-02-28T00:00:00",
8   "estado": "Revision",
9   "saldo": 100.0,
10  "cliente_id": "123"
11 }
```

Lista Por Id Crédito

Lab3 / Credito / Lista Por ID Credito

GET https://localhost:44315/api/Credito?id=1002

Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> id	1002	
Key	Value	Description

Body Cookies Headers (10) Test Results

Status: 200 OK Time: 9 ms Size: 605 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_credito": 1002,
3   "monto": 100.0000,
4   "tasa": 10.0000,
5   "nombre_linea": "Gallox",
6   "cuota": 5.0000,
7   "fecha_inicio": "2021-02-28T00:00:00",
8   "estado": "Revision",
9   "saldo": 100.0000,
10  "cliente_id": "123"
11 }
```

Borrar Crédito

Lab3 / Credito / Eliminar Credito

DELETEhttps://localhost:44315/api/Credito?id=1002Send

ParamsAuthorizationHeaders (6)BodyPre-request ScriptTestsSettings

Query Params

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> Id	1002	
Key	Value	Description

BodyCookiesHeaders (10)Test Results

Status: 200 OKTime: 10 msSize: 390 BSave Response

PrettyRawPreviewVisualizeJSON

```
1 200
```

Crear Movimiento

Lab3 / Movimiento / Crear Movimiento

POSThttps://localhost:44315/api/MovimientoSend

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

```
1 {
2   "id_movimiento": 3,
3   "fecha_movimiento": "2021-02-22",
4   "tipo": "Deposito",
5   "monto": 500.0,
6   "cuenta_id": 1
7 }
```

BodyCookiesHeaders (10)Test Results

Status: 201 CreatedTime: 34 msSize: 504 BSave Response

PrettyRawPreviewVisualizeJSON

```
1 {
2   "id_movimiento": 3,
3   "fecha_movimiento": "2021-02-22T00:00:00",
4   "tipo": "Deposito",
5   "monto": 500.0,
6   "cuenta_id": 1
7 }
```

Listar Movimiento

Lab3 / Movimiento / Listar Movimientos

GET https://localhost:44315/api/Movimiento **Send**

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (10) Test Results Status: 200 OK Time: 16 ms Size: 623 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_movimiento": 3,
3   "fecha_movimiento": "2021-01-01T00:00:00",
4   "tipo": "Deposito",
5   "monto": 10000.0000,
6   "cuenta_id": 1
7 }
8
9 {
10  "id_movimiento": 1002,
11  "fecha_movimiento": "2021-02-22T00:00:00",
12  "tipo": "Deposito",
13  "monto": 500.0000,
14  "cuenta_id": 1
15 }
```

Modificar Movimiento

Lab3 / Movimiento / Modificar Movimiento

PUT https://localhost:44315/api/Movimiento **Send**

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

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

Body Cookies Headers (10) Test Results Status: 200 OK Time: 22 ms Size: 502 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_movimiento": 1002,
3   "fecha_movimiento": "2021-02-10",
4   "tipo": "Deposito",
5   "monto": 550.0,
6   "cuenta_id": 1
7 }
```

Listar Por Id Movimiento

Lab3 / Movimiento / Lista Por ID Movimiento

GET https://localhost:44315/api/Movimiento?id=1002

Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> id	1002	
Key	Value	Description

Body Cookies Headers (10) Test Results

Status: 200 OK Time: 11 ms Size: 507 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_movimiento": 1002,
3   "fecha_movimiento": "2021-02-10T00:00:00",
4   "tipo": "Deposito",
5   "monto": 550.0000,
6   "cuenta_id": 1
7 }
```

Eliminar Movimiento

Lab3 / Movimiento / Eliminar Movimiento

DELETE https://localhost:44315/api/Movimiento?id=1002

Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> id	1002	
Key	Value	Description

Body Cookies Headers (10) Test Results

Status: 200 OK Time: 8 ms Size: 394 B Save Response

Pretty Raw Preview Visualize JSON

```
1 200
```

Crear Pago

Lab3 / Pago / Crear Pago

POST https://localhost:44315/api/Pago **Send**

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

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

Body

```
1 {
2   "id_pago": 1002,
3   "fecha_pago": "2021-01-01",
4   "monto": 500.0,
5   "credito_id": 1
6 }
```

Body Cookies Headers (10) Test Results Status: 201 Created Time: 14 ms Size: 469 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_pago": 1002,
3   "fecha_pago": "2021-01-01T00:00:00",
4   "monto": 500.0,
5   "credito_id": 1
6 }
```

Listar Pagos

Lab3 / Pago / Listar Pagos

GET https://localhost:44315/api/Pago **Send**

Params Authorization Headers (6) **Body** Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (10) Test Results Status: 200 OK Time: 12 ms Size: 550 B Save Response

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "id_pago": 1,
4     "fecha_pago": "2021-01-01T00:00:00",
5     "monto": 10.0000,
6     "credito_id": 1
7   },
8   {
9     "id_pago": 1002,
10    "fecha_pago": "2021-01-01T00:00:00",
11    "monto": 500.0000,
12    "credito_id": 1
13  }
14 ]
```

Modificar Pago

Lab3 / Pago / Modificar Pago

PUT https://localhost:44315/api/Pago Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings

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

```
1 {
2   "id_pago": 1002,
3   "fecha_pago": "2021-02-01",
4   "monto": 555.0,
5   "credito_id": 1
6 }
```

Body Cookies Headers (10) Test Results

Status: 200 OK Time: 31 ms Size: 464 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_pago": 1002,
3   "fecha_pago": "2021-02-01T00:00:00",
4   "monto": 555.0,
5   "credito_id": 1
6 }
```

Lista Por Id Pago

Lab3 / Pago / Lista Por ID Pago

GET https://localhost:44315/api/Pago?id=1002 Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

	KEY	VALUE	DESCRIPTION	
<input checked="" type="checkbox"/>	id	1002		
	Key	Value	Description	

Body Cookies Headers (10) Test Results

Status: 200 OK Time: 9 ms Size: 467 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_pago": 1002,
3   "fecha_pago": "2021-02-01T00:00:00",
4   "monto": 555.0000,
5   "credito_id": 1
6 }
```

Eliminar Pago

Lab3 / Pago / Eliminar Pago

Save

DELETE

https://localhost:44315/api/Pago?id=1002

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

	KEY	VALUE	DESCRIPTION		Bulk Edit
<input checked="" type="checkbox"/>	id	1002			
	Key	Value	Description		

Body

Cookies

Headers (10)

Test Results

Status: 200 OK

Time: 10 ms

Size: 386 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

1

280