



**UNIVERSIDAD FRANCISCO GAVIDIA**  
**FACULTAD DE INGENIERÍA**  
**DESARROLLO DE APLICACIONES WEB - GRUPO 01**

**DOCUMENTACIÓN DE PARCIAL 3**

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**ALUMNOS:**

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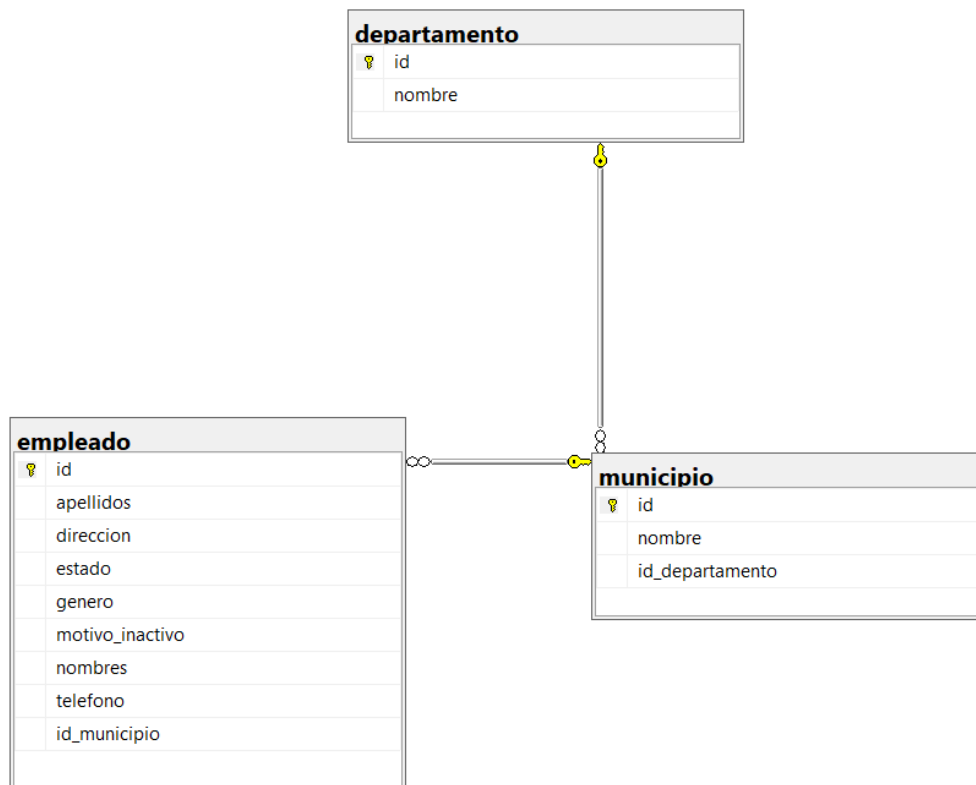
## Diccionario de datos

TABLA: DEPARTAMENTO		
id	integer	PRIMARY KEY
nombre	varchar(100)	NULLABLE=true
TABLA: MUNICIPIO		
id	integer	PRIMARY KEY
nombre	varchar(100)	NULLABLE=true
id_municipio	integer	FOREIGN KEY
TABLA: EMPLEADO		
id	integer	PRIMARY KEY
codigo	varchar(5)	NULLABLE=true
apellidos	varchar(100)	NULLABLE=true
nombres	varchar(100)	NULLABLE=true
genero	varchar(1)	NULLABLE=true
direccion	varchar(250)	NULLABLE=true
id_municipio	integer	NULLABLE=true
telefono	varchar(8)	NULLABLE=true
estado	varchar(1)	NULLABLE=true
motivo_inactivo	varchar(250)	NULLABLE=true

### Información de proyecto:

- Base de datos: SQL Server
- Lenguaje de programación: Java
- JDK: 11
- Framework: Spring Boot 2.7
- Repositorio: <https://github.com/FerCar1999/parcial-3-apis>

### Diagrama de Base de Datos

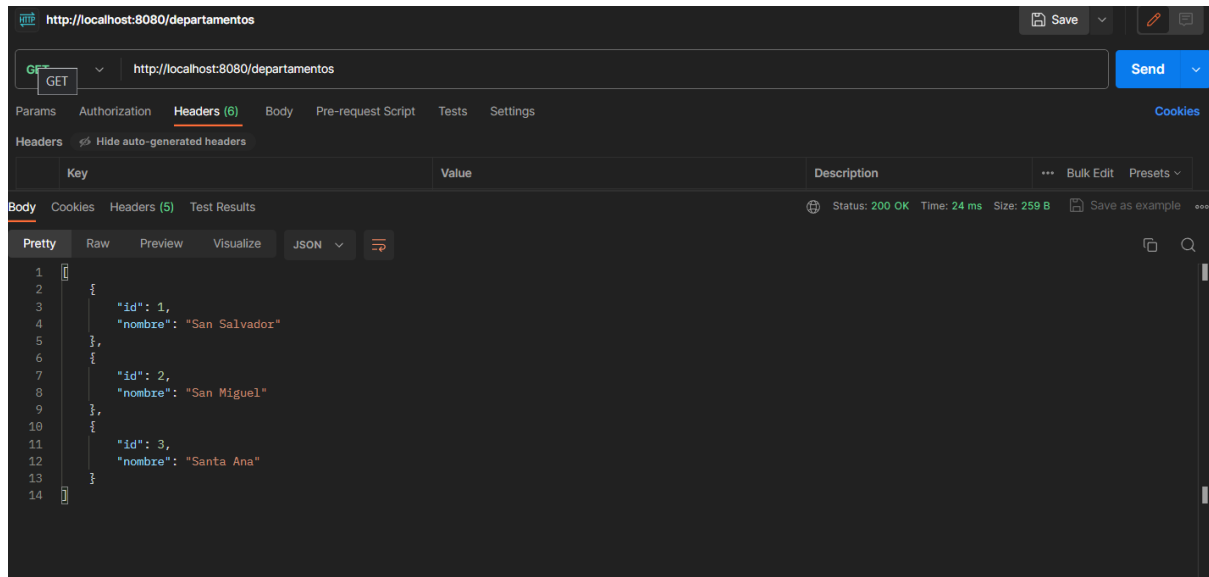


## Documentacion API

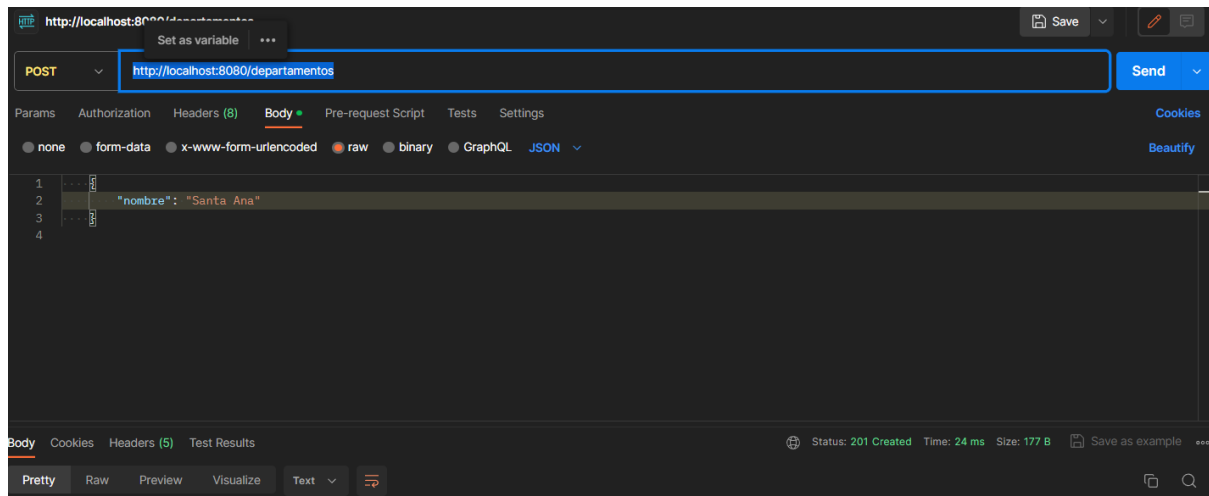
### - Departamentos

<http://localhost:8080/departamentos>

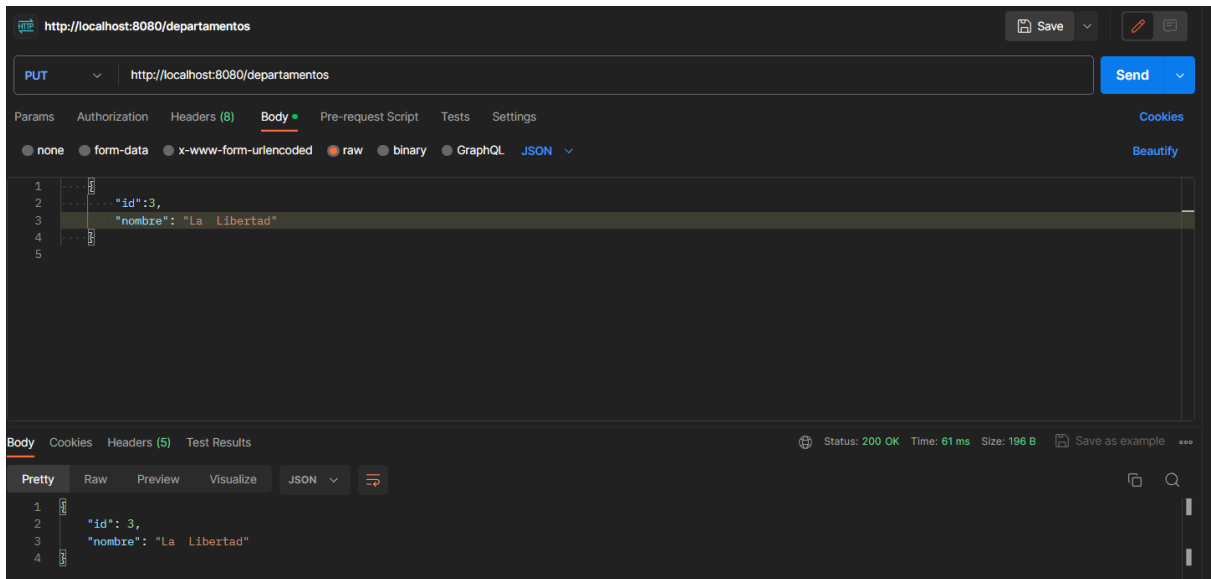
## GET



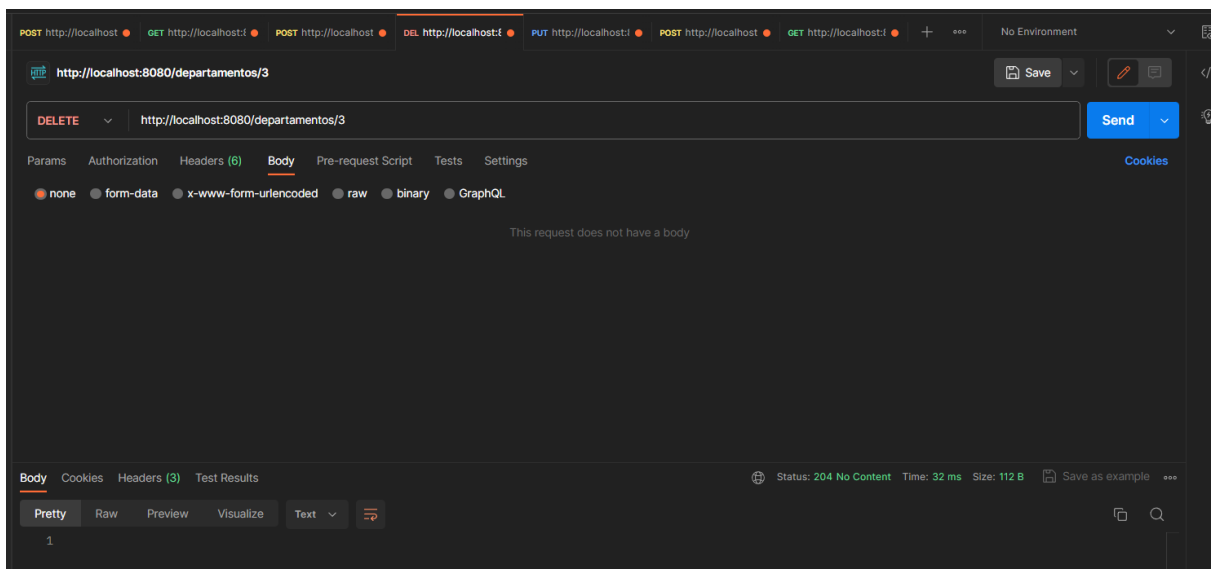
## POST



## PUT



## DELETE



HTTP **http://localhost:8080/departamentos**

GET

**http://localhost:8080/departamentos**

Params

Authorization

**Headers (6)**


Body

Pre-request Script

Tests

Settings

Headers

 Hide auto-generated headers

	Key	Value
--	-----	-------

**Body**

Cookies

Headers (5)

Test Results

Pretty

Raw

Preview

Visualize

JSON

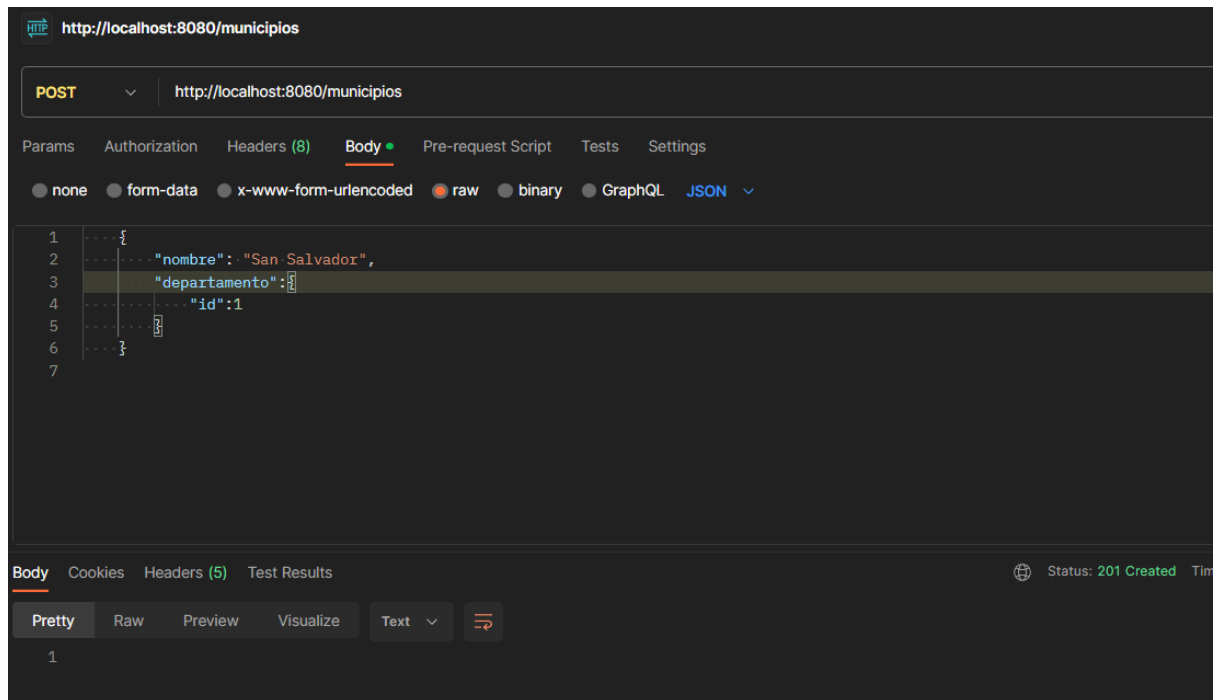


```
1  []
2    {
3      "id": 1,
4      "nombre": "San Salvador"
5    },
6    {
7      "id": 2,
8      "nombre": "San Miguel"
9    }
10 ]
```

- Municipio

<http://localhost:8080/municipios>

## POST



## GET

HTTP **http://localhost:8080/municipios**

**GET** **http://localhost:8080/municipios**

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

**Headers** Hide auto-generated headers

Key	Value
-----	-------

**Body** Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "id": 1,
4     "nombre": "San Salvador",
5     "departamento": {
6       "id": 1,
7       "nombre": "San Salvador"
8     }
9   }
10 ]
```

## PUT

HTTP **http://localhost:8080/municipios**

**PUT** **http://localhost:8080/municipios**

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

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

```
1 [
2   {
3     "id": 1,
4     "nombre": "Panchimalco",
5     "departamento": {
6       "id": 1,
7       "nombre": "San Salvador"
8     }
9   }
10 ]
```


**Body** Cookies Headers (5) Test Results Status: 200 OK Time: 54 ms Size: 243 B

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "id": 1,
4     "nombre": "Panchimalco",
5     "departamento": {
6       "id": 1,
7       "nombre": "San Salvador"
8     }
9   }
10 ]
```



# DELETE

 http://localhost:8080/municipios/1

DELETE

⌵

http://localhost:8080/municipios/1

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

This request does not have a body

body

Cookies

Headers (3)

Test Results

Status: 204 No Content

Pretty

Raw

Preview

Visualize

Text ⌵



1

# EMPLEADOS

## -GET

http://localhost:8080/empleados

GET

http://localhost:8080/empleados

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body

Cookies

Headers (5)

Test Results

Status: 200 OK

Time: 30 ms

Size: 593 B

Save as example

Pretty

Raw

Preview

Visualize

JSON

```
11      "estado": null
12    },
13    {
14      "id": 2,
15      "codigo": null,
16      "nombres": "Luis Ricardo X",
17      "apellidos": "Bernal Martinez",
18      "genero": "M",
19      "direccion": "Enrique Segoviano",
20      "municipio": {
21        "id": 1,
22        "nombre": "AHUACHAPÁN",
23        "departamento": {
24          "id": 1,
25          "nombre": "Ahuachapán"
26        }
27      },
28      "telefono": "22736000",
29      "estado": null
30    }
31  ]
```

Postbot

Runner

Capture requests

Cookies

Trash

## -GET ONE

http://localhost:8080/empleados/2

GET

http://localhost:8080/empleados/2

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body

Cookies

Headers (5)

Test Results

Status: 200 OK

Time: 8 ms

Size: 415 B

Save as example

Pretty

Raw

Preview

Visualize

JSON

```
1  {
2    "id": 2,
3    "codigo": null,
4    "nombres": "Luis Ricardo X",
5    "apellidos": "Bernal Martinez",
6    "genero": "M",
7    "direccion": "Enrique Segoviano",
8    "municipio": {
9      "id": 1,
10     "nombre": "AHUACHAPÁN",
11     "departamento": {
12       "id": 1,
13       "nombre": "Ahuachapán"
14     }
15   },
16   "telefono": "22736000",
17   "estado": null
18 }
```

Postbot

Runner

Capture requests

Cookies

Trash

## -CREATE

POST http://localhost:8080/empleados

Body (JSON):

```
1 {
2   "nombres": "Luis Ricardo",
3   "apellidos": "Bernal Martinez",
4   "genero": "M",
5   "direccion": "Enrique Segoviano",
6   "municipio": {
7     "id": 1
8   },
9   "telefono": "22736000"
10 }
```

Status: 201 Created Time: 61 ms Size: 173 B

EVENT	TIME
Prepare	1.73 ms
Socket Initialization	0.28 ms
DNS Lookup	Cache
TCP Handshake	Cache
Transfer Start	59.48 ms
Download	0.62 ms
Process	0.04 ms
<b>Total</b>	<b>62.13 ms</b>

## -UPDATE

PUT http://localhost:8080/empleados

Body (JSON):

```
1 {
2   "id": 1,
3   "codigo": null,
4   "nombres": "Luis Ricardo X",
5   "apellidos": "Bernal POPO Martinez",
6   "genero": "M",
7   "direccion": "Enrique Segoviano",
8   "municipio": {
9     "id": 2,
10    "nombre": "APANECA",
11    "departamento": {
12      "id": 1,
13      "nombre": "Ahuechapán"
14    }
15  },
16   "telefono": "22736000",
17   "estado": null,
18   "motivo_inactivo": null
19 }
```

Status: 200 OK Time: 28 ms Size: 439 B

## -AGREGAR CARNET Y SALARIO

PUT <http://localhost:8080/empleados/completar-informacion-empleado> Send

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

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

```
1 {
2   "id": 1,
3   "codigo": "BM001",
4   "salario": 600.75
5 }
```

Body Cookies Headers (5) Test Results Status: 200 OK Time: 17 ms Size: 459 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 1,
3   "codigo": "BM001",
4   "nombres": "Luis Ricardo X",
5   "apellidos": "Bernal POPO Martinez",
6   "genero": "M",
7   "direccion": "Enrique Segoviano",
8   "municipio": {
9     "id": 2,
10    "nombre": "APANECA",
11    "departamento": {
12      "id": 1,
13      "nombre": "Ahuachapán"
14    }
15  },
16   "telefono": "22736090",
17   "estado": null,
18   "salario": 600.75,
19   "motivo_inactivo": null
20 }
```

## - DESACTIVAR

PUT <http://localhost:8080/empleados/inactivar> Send

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

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

```
1 {
2   "id": 1,
3   "estado": "I",
4   "motivo_inactivo": "Se tiro del EBLE"
5 }
```

Body Cookies Headers (5) Test Results Status: 200 OK Time: 23 ms Size: 472 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 1,
3   "codigo": "BM001",
4   "nombres": "Luis Ricardo X",
5   "apellidos": "Bernal POPO Martinez",
6   "genero": "M",
7   "direccion": "Enrique Segoviano",
8   "municipio": {
9     "id": 2,
10    "nombre": "APANECA",
11    "departamento": {
12      "id": 1,
13      "nombre": "Ahuachapán"
14    }
15  },
16   "telefono": "22736090",
17   "estado": "I",
18   "salario": 600.75,
19   "motivo_inactivo": "Se tiro del EBLE"
20 }
```