

# Backend Full stack

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## Creación de módulo Productos

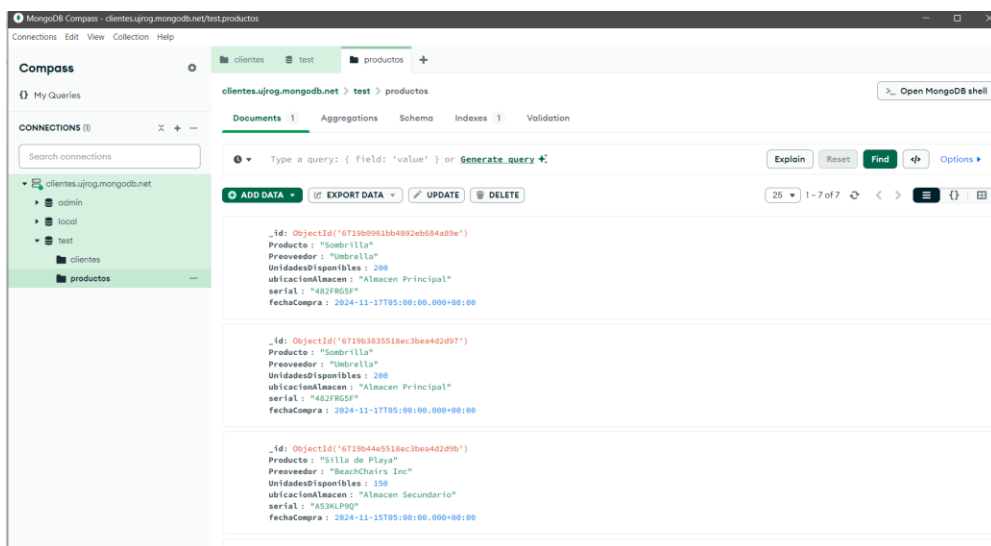
### Se crea módulo MVC

- Controller
- Models
- Routes

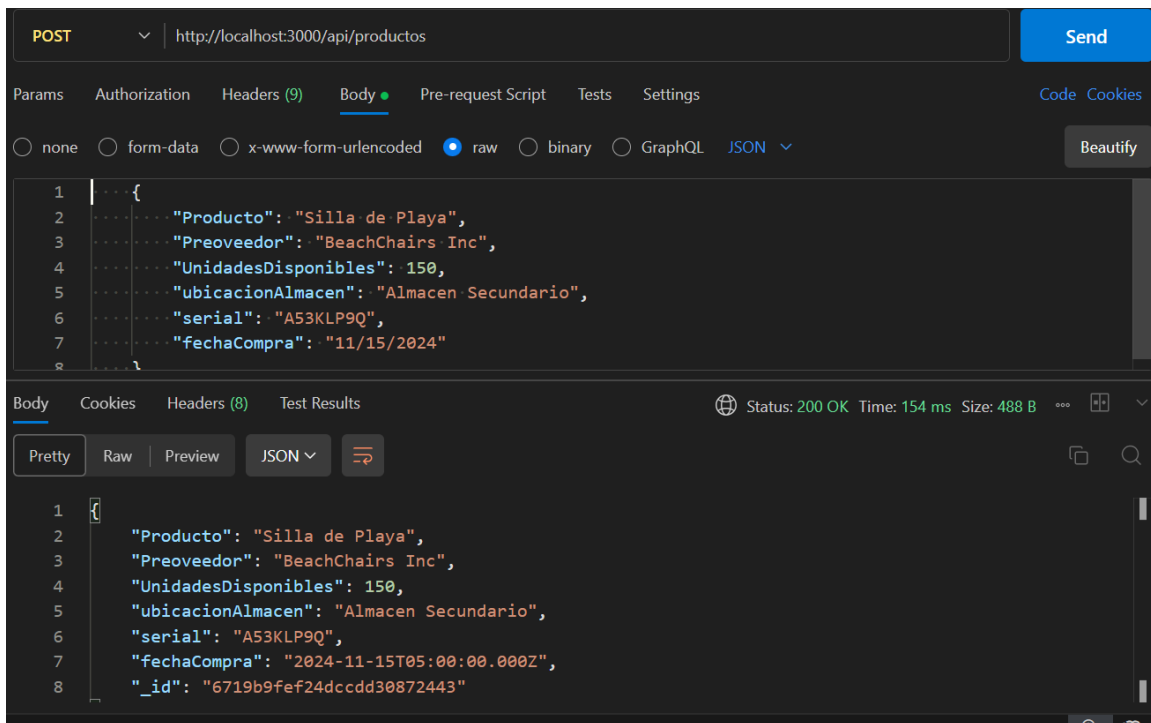
### Se utiliza información base

- Config -> Base de datos(conexión)
- Src-> index

## Imágenes Creación de productos ingresados

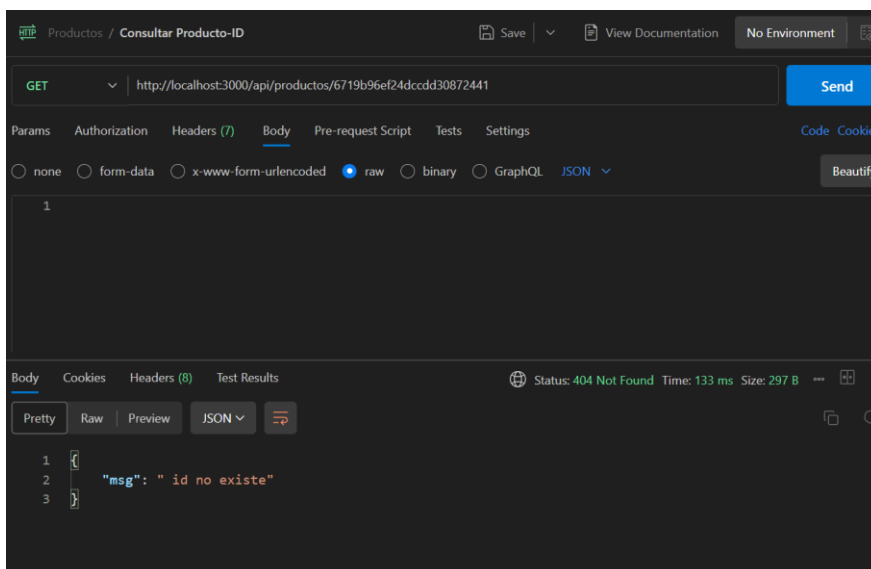


## Consulta postman usada para creación de registros

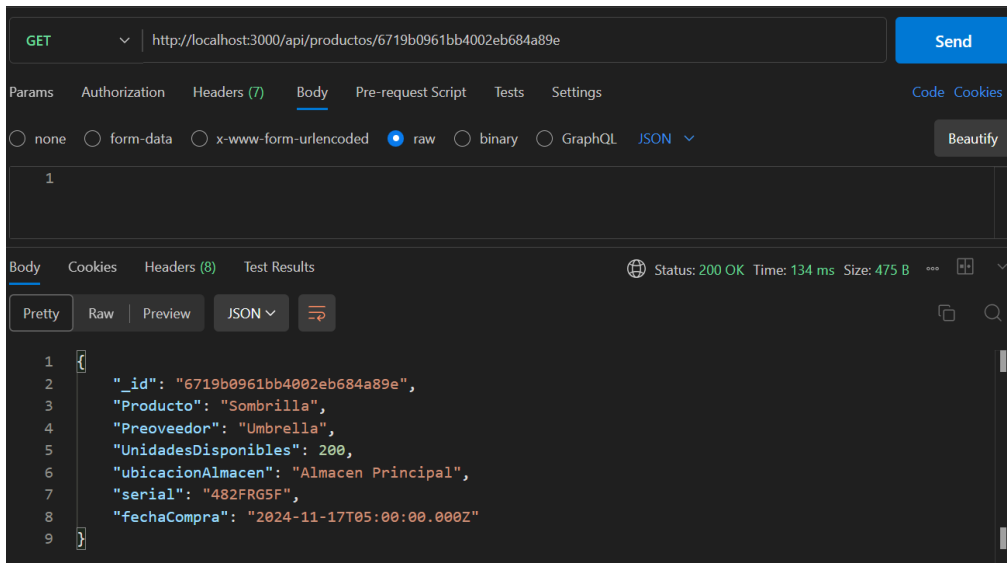


## Consulta de producto por id

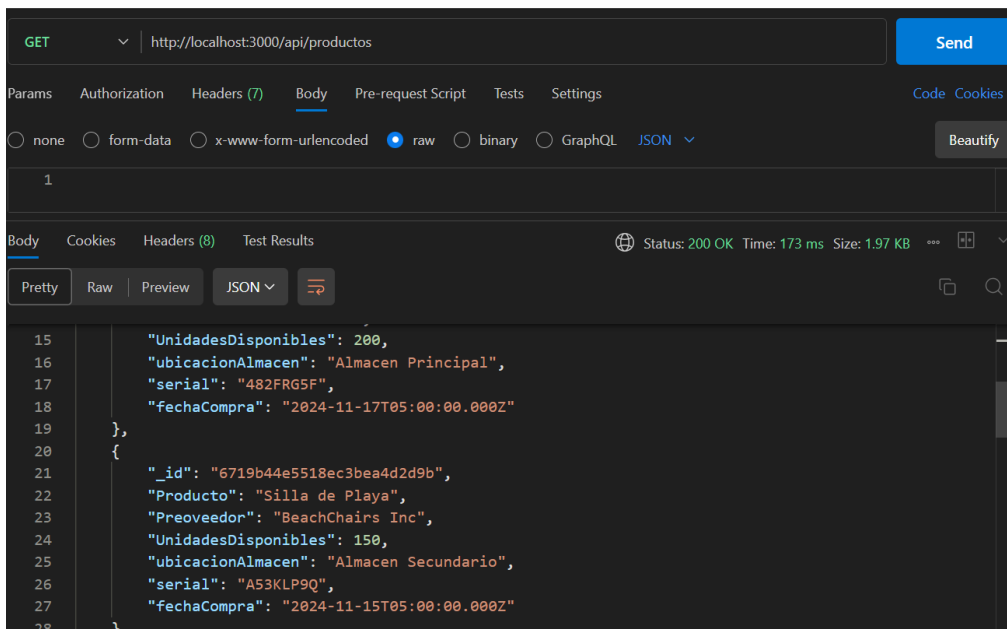
### Caso de error



### Caso de éxito



Consulta de postman para traer todos los productos



Consulta de postman para actualizar un registro

## Caso de éxito

```
+ _id: ObjectId('6719b75b5518ec3bea4d2da6')
2 Producto : "Silla de Playa"
3 Proveedor : "BeachChairs Inc"
4 UnidadesDisponibles : 150
5 ubicacionAlmacen : "Almacen Secundario"
6 serial : "A53KLP9Q"
7 fechaCompra : 2024-11-15T05:00:00.000+00:00
```

The screenshot shows a REST client interface with a PATCH request to `http://localhost:3000/api/productos/6719b75b5518ec3bea4d2da6`. The request body is a JSON object with the following fields: `"Producto": "Juegos de Playa", "Proveedor": "Beach Fun Co.", "UnidadesDisponibles": 90, "ubicacionAlmacen": "Almacen Secundario", "serial": "B51PZQ2W", "fechaCompra": "11/12/2024"`. The response status is 200 OK, with a time of 131 ms and a size of 488 B. The response body is a JSON object with the following fields: `"_id": "6719b75b5518ec3bea4d2da6", "Producto": "Juegos de Playa", "Proveedor": "BeachChairs Inc", "UnidadesDisponibles": 90, "ubicacionAlmacen": "Almacen Secundario", "serial": "B51PZQ2W", "fechaCompra": "2024-11-12T05:00:00.000Z"`.

```
PATCH http://localhost:3000/api/productos/6719b75b5518ec3bea4d2da6 Send
```

Params Authorization Headers (9) Body Pre-request Script Tests Settings Code Cookies

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

```
1 {
2   "Producto": "Juegos de Playa",
3   "Proveedor": "Beach Fun Co.",
4   "UnidadesDisponibles": 90,
5   "ubicacionAlmacen": "Almacen Secundario",
6   "serial": "B51PZQ2W",
7   "fechaCompra": "11/12/2024"
8 }
```

Body Cookies Headers (8) Test Results Status: 200 OK Time: 131 ms Size: 488 B

Pretty Raw Preview JSON Beautify

```
1 {
2   "_id": "6719b75b5518ec3bea4d2da6",
3   "Producto": "Juegos de Playa",
4   "Proveedor": "BeachChairs Inc",
5   "UnidadesDisponibles": 90,
6   "ubicacionAlmacen": "Almacen Secundario",
7   "serial": "B51PZQ2W",
8   "fechaCompra": "2024-11-12T05:00:00.000Z"
9 }
```

## Actualización con put

The screenshot shows a REST client interface with a PUT request to `http://localhost:3000/api/productos/6719b75b5518ec3bea4d2da6`. The request body is a JSON object with the following fields: `"Producto": "Cámara de Acción", "Proveedor": "Action Cam Co.", "UnidadesDisponibles": 75, "ubicacionAlmacen": "Almacen Principal", "serial": "A75MDR8K", "fechaCompra": "11/18/2024"`. The response status is 200 OK, with a time of 131 ms and a size of 488 B. The response body is a JSON object with the following fields: `"_id": "6719b75b5518ec3bea4d2da6", "Producto": "Cámara de Acción", "Proveedor": "Action Cam Co.", "UnidadesDisponibles": 75, "ubicacionAlmacen": "Almacen Principal", "serial": "A75MDR8K", "fechaCompra": "2024-11-18T05:00:00.000Z"`.

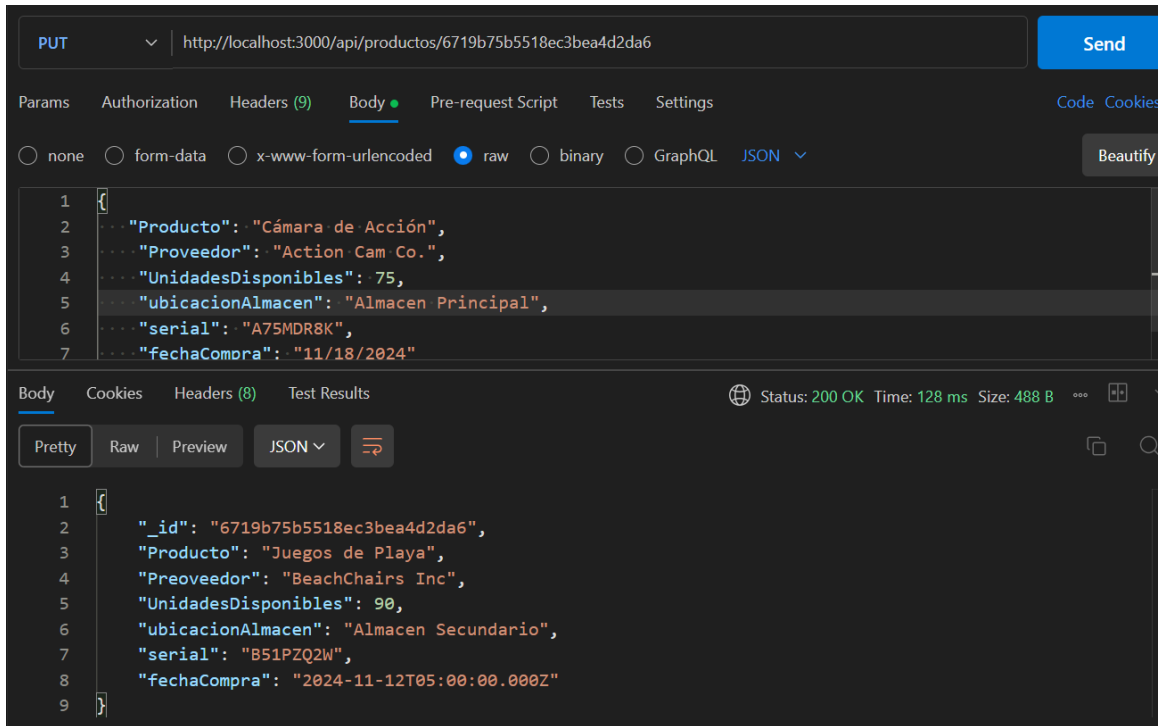
```
PUT http://localhost:3000/api/productos/6719b75b5518ec3bea4d2da6 Send
```

Params Authorization Headers (9) Body Pre-request Script Tests Settings Code Cookies

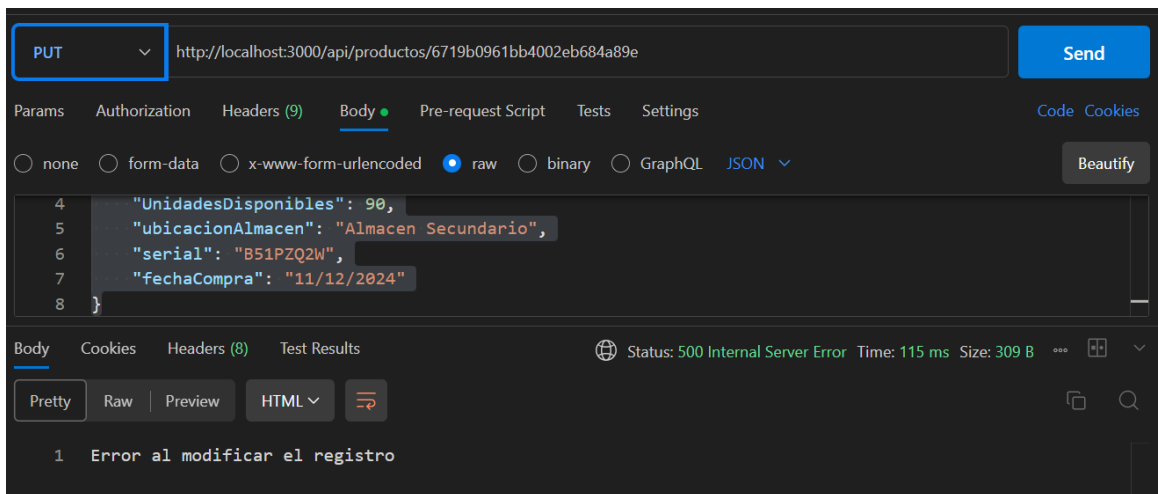
none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```
1 {
2   "Producto": "Cámara de Acción",
3   "Proveedor": "Action Cam Co.",
4   "UnidadesDisponibles": 75,
5   "ubicacionAlmacen": "Almacen Principal",
6   "serial": "A75MDR8K",
7   "fechaCompra": "11/18/2024"
8 }
```

Response

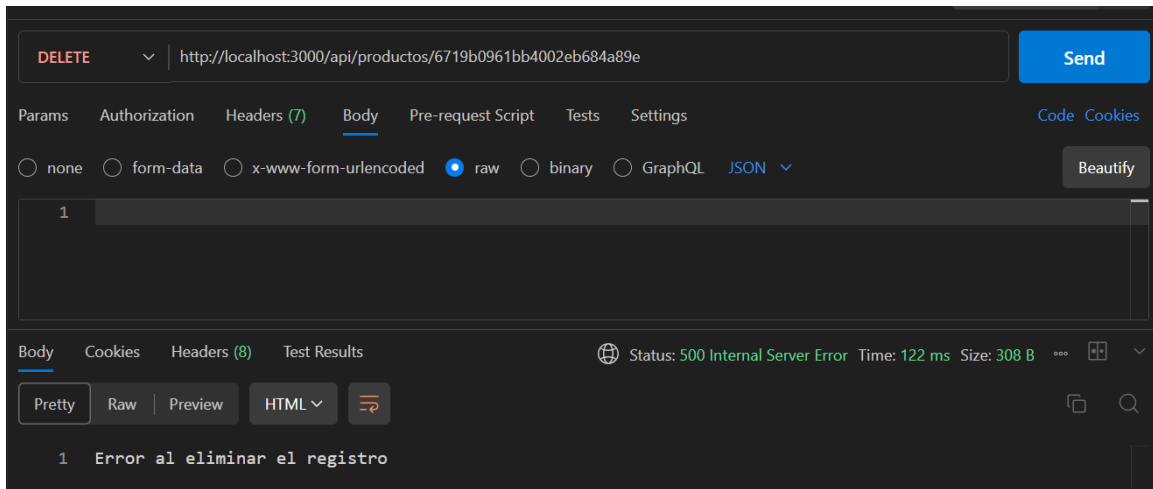


## Caso de error



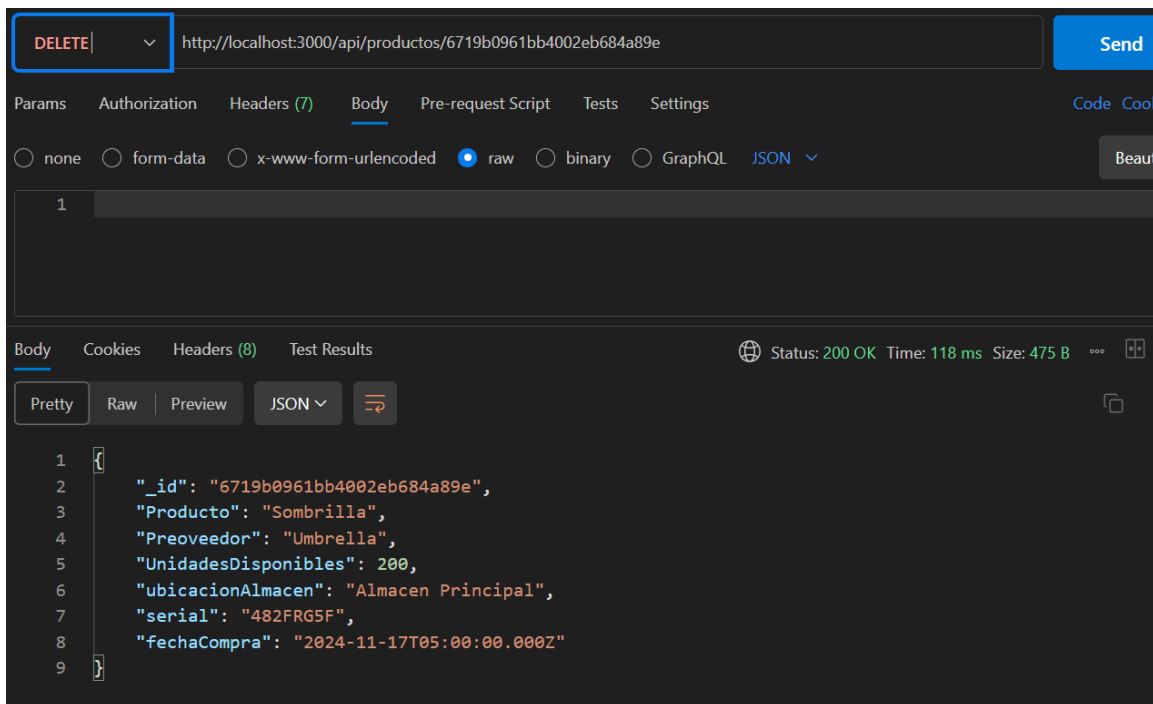
## Eliminación de registro por id

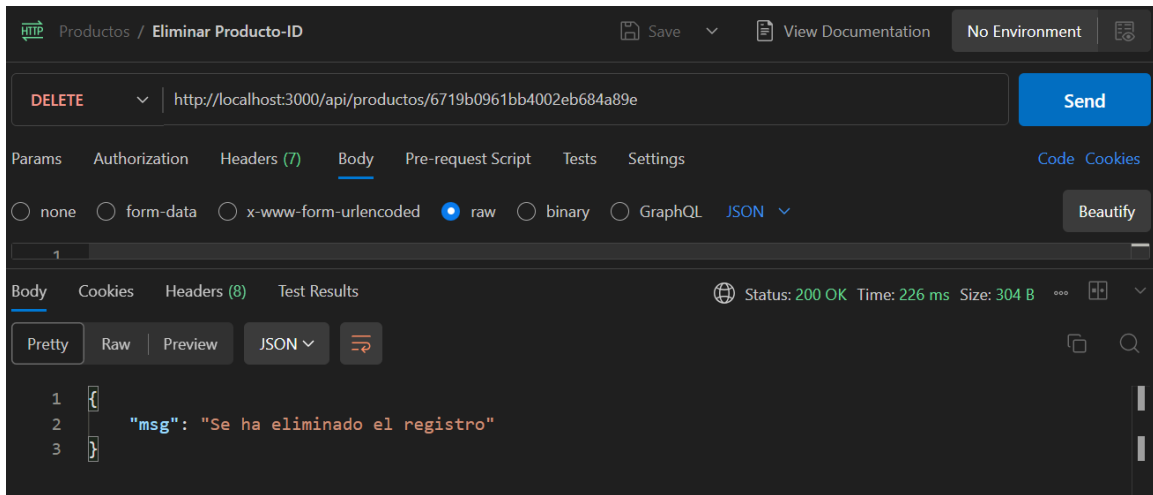
## Caso de error



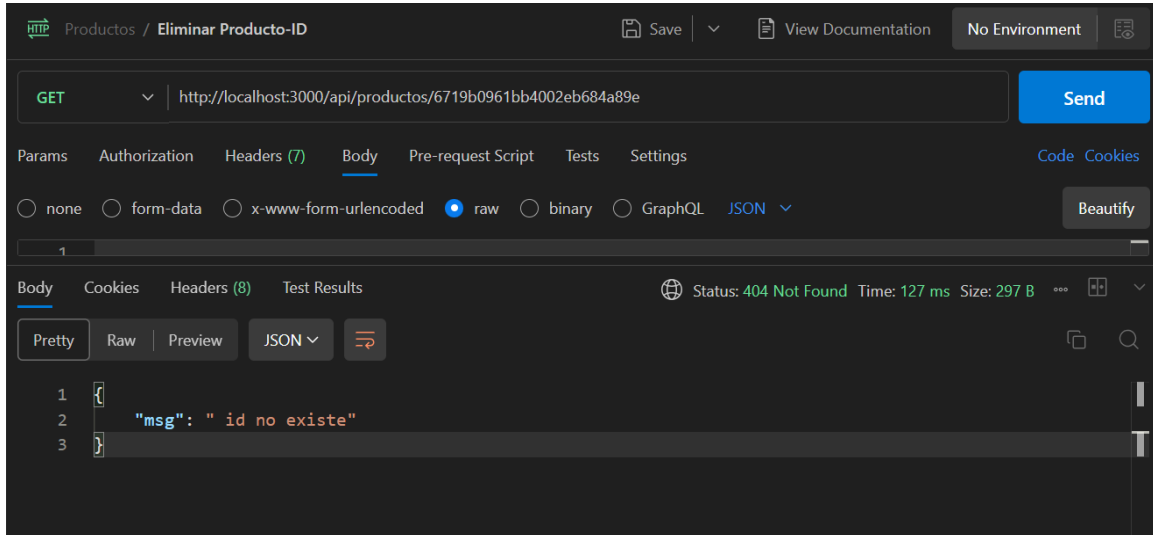
## Caso de éxito

se consulta el elemento para saber que aun existe





## Confirmación de eliminación



## Componente de técnicos

POST http://localhost:3000/api/tecnicos

Params Authorization Headers (9) Body Pre-request Script Tests Settings

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

```
1 {
2   "nombres": "Juan",
3   "apellidos": "Pérez",
4   "documento": 123456789,
5   "correo": "juan.perez@example.com",
6   "telefono": 3101234567,
7   "direccion": "Calle 123 #45-67",
8   "proyecto": "Desarrollo Web",
9   "zona": 3
10 }
```

Response Size 486 B

Body 218 B

Headers 268 B

Request Size 537 B

Body 245 B

Headers 292 B

All size calculations are approximate

Status: 200 OK Time: 208 ms Size: 486 B

Body Cookies Headers (8) Test Results

Pretty Raw Preview

```
1 [{"nombres": "Juan", "apellidos": "Pérez", "documento": 123456789, "correo": "juan.perez@example.com", "telefono": 3101234567, "direccion": "Calle 123 #45-67", "proyecto": "Desarrollo Web", "zona": 3, "id": "672849e4c17e100f186e2379"}]
```

## Traer todos los tecnicos

HTTP Tecnicos / Traer Tecnicos

GET http://localhost:3000/api/tecnicos

Params Authorization Headers (7) Body Pre-request Script Tests Settings

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

1

Status: 200 OK Time: 128 ms Size: 1.56 KB

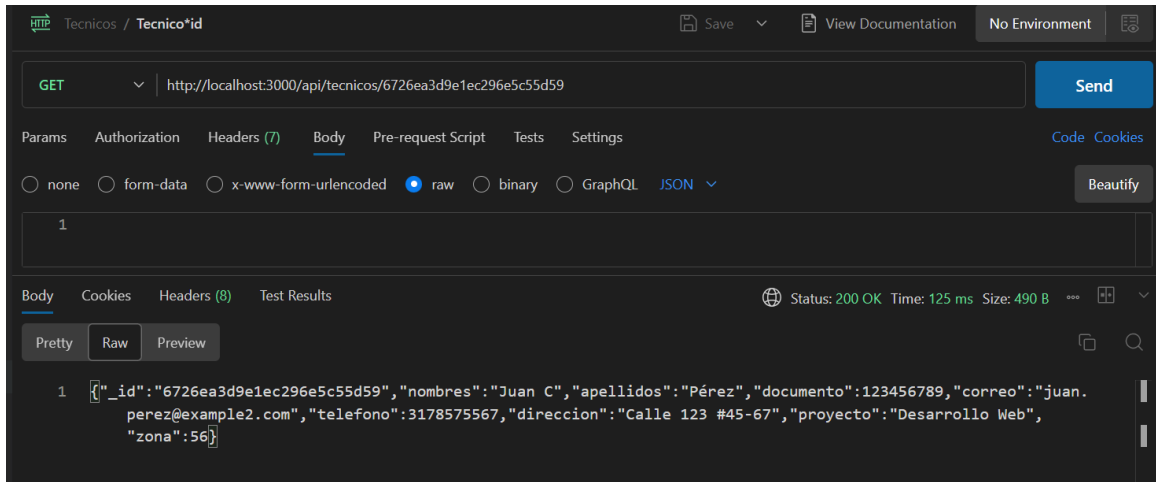
Body Cookies Headers (8) Test Results

Pretty Raw Preview

```
1 [{"_id": "6726ea159e1ec296e5c55d57", "nombres": "mario", "apellidos": "Pérez", "documento": 123456789, "correo": "juan.perez@example.com", "telefono": 3101234567, "direccion": "Calle 123 #45-67", "proyecto": "Desarrollo Web", "zona": 3854774}, {"_id": "6726ea3d9e1ec296e5c55d59", "nombres": "Juan C", "apellidos": "Pérez", "documento": 123456789, "correo": "juan.perez@example2.com", "telefono": 3178575567, "direccion": "Calle 123 #45-67", "proyecto": "Desarrollo Web", "zona": 56}, {"_id": "6726ea3e9e1ec296e5c55d5b", "nombres": "Camilo", "apellidos": "Hernandez", "documento": 4544444, "correo": "ch@example.com", "telefono": 3101234567, "direccion": "Calle 123 #45-67", "proyecto": "implementacion", "zona": 3}, {"_id": "6726ea3f9e1ec296e5c55d5d", "nombres": "carmen", "apellidos": "sandiego", "documento": 123456789, "correo": "juan.perez@example.com", "telefono": 3101234567, "direccion": "Calle 123 #45-67", "proyecto": "Desarrollo Web", "zona": 3}, {"_id": "6726ea409e1ec296e5c55d5f", "nombres": "Juan", "apellidos": "Pérez", "documento": 123456789, "correo": "juan.perez@example.com", "telefono": 3101234567, "direccion": "Calle 123 #45-67", "proyecto": "Desarrollo Web", "zona": 3}, {"_id": "672849e4c17e100f186e2379", "nombres": "Juan", "apellidos": "Pérez", "documento": 123456789, "correo": "juan.perez@example.com", "telefono": 3101234567, "direccion": "Calle 123 #45-67", "proyecto": "Desarrollo Web", "zona": 3}]]
```

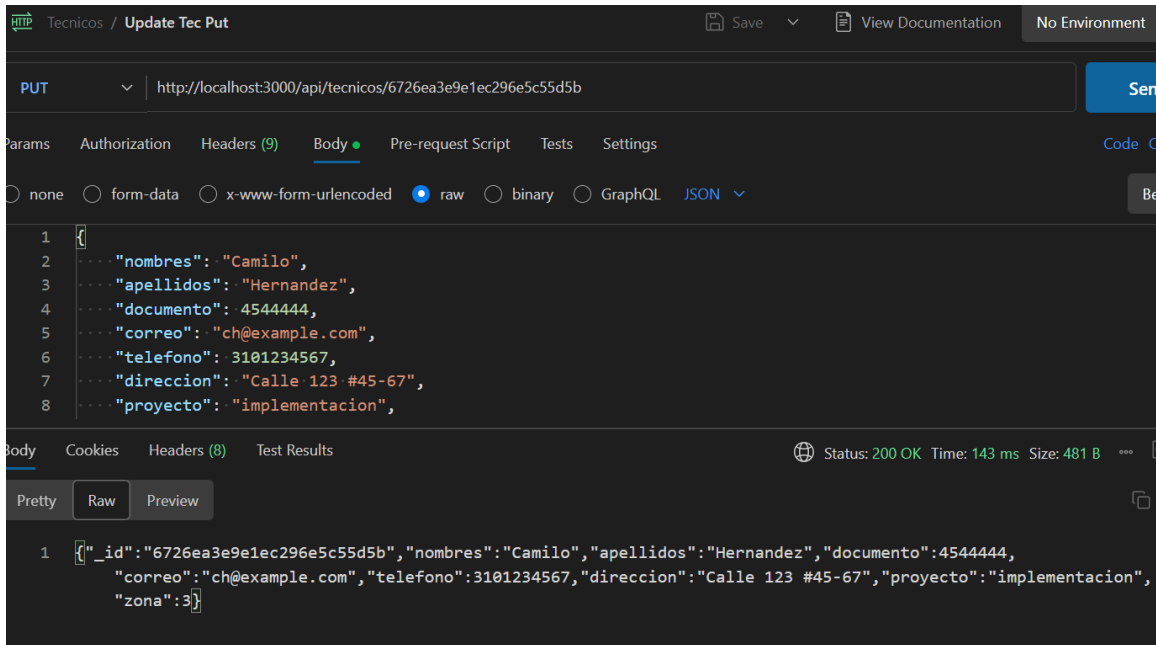


## Traer un técnico

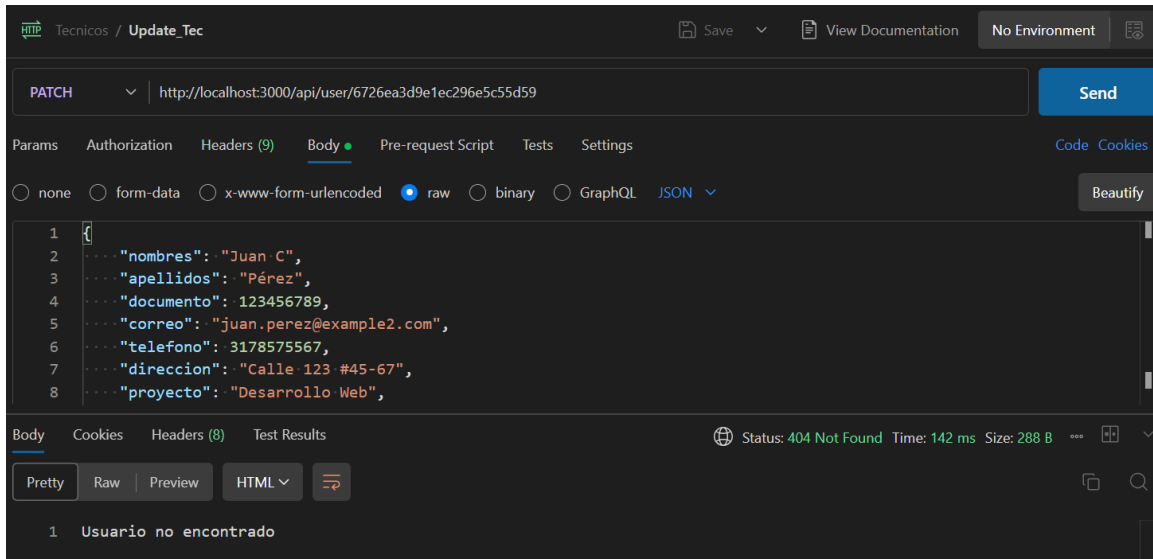


## Actualizar técnico

### Éxito

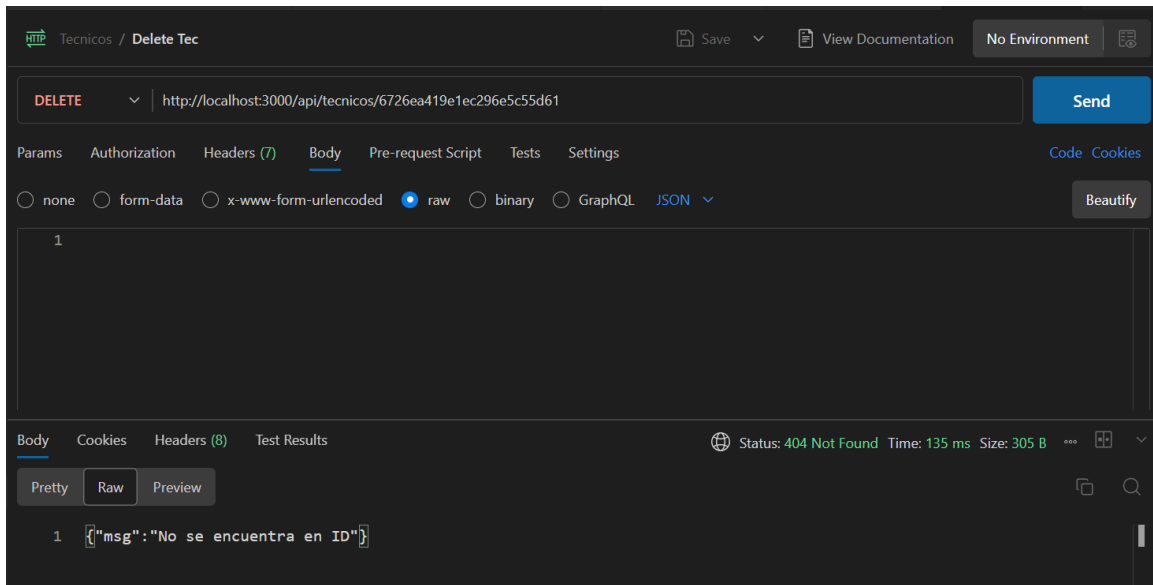


### Error

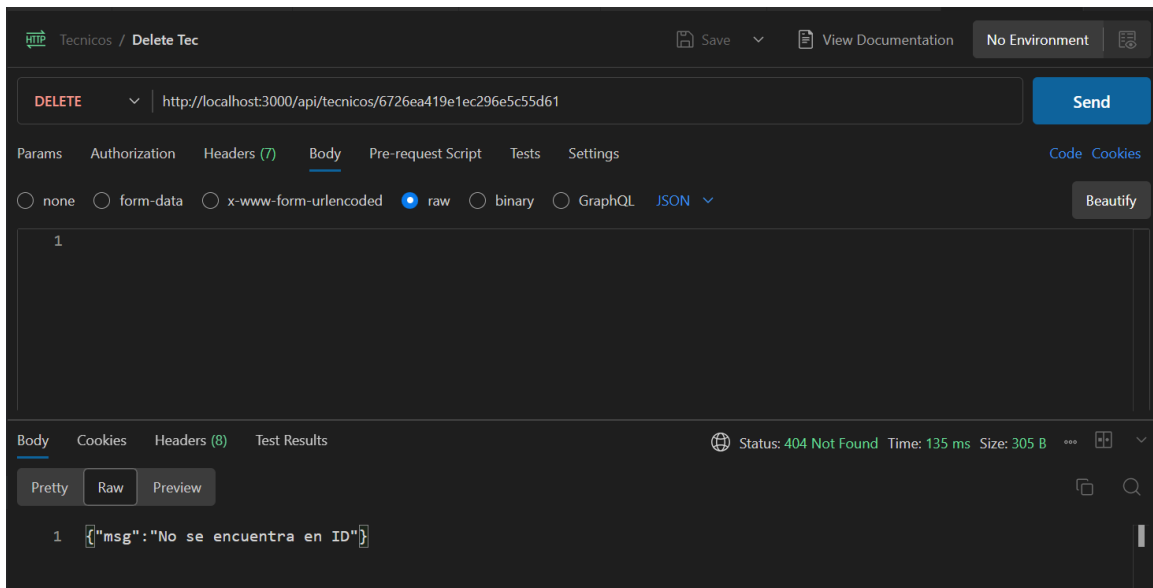


Eliminar técnicos

Éxito

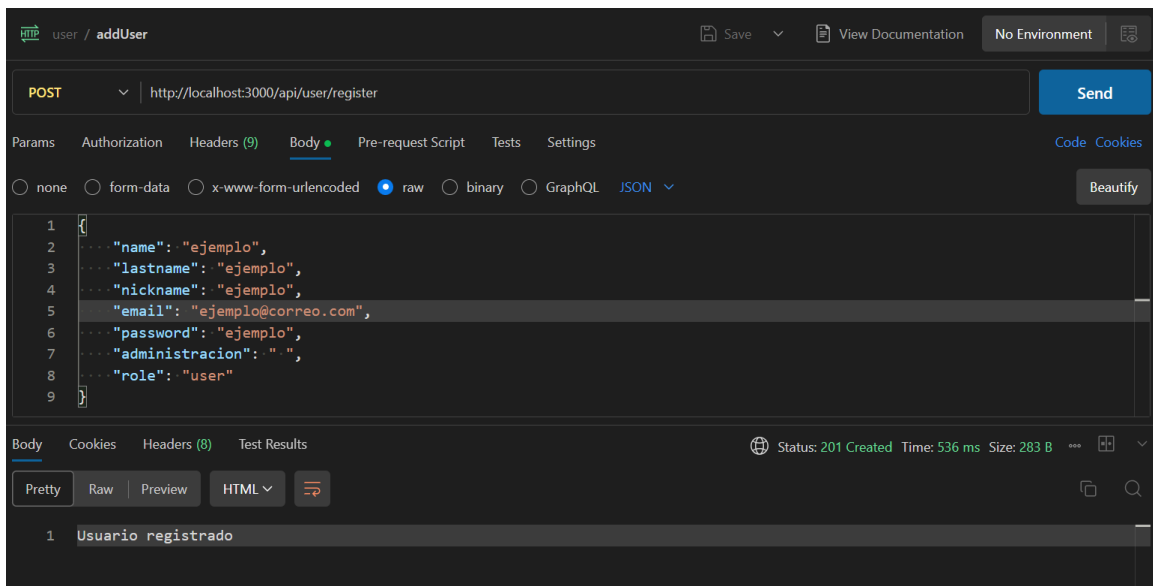


Error



## Componente de usuarios

### Creación de usuario



### Login



## Traer todos los usuarios

HTTP user / Traer Usuarios

GET http://localhost:3000/api/user/ Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Code Cookies

Query Params

Key	Value
Key	Value

Body Cookies Headers (8) Test Results Status: 200 OK Time: 166 ms Size: 950 B

Pretty Raw Preview JSON

```
1 [{"_id": "6725efd0e31a0c4215a15037", "name": "boot", "lastname": "boot", "nickname": "superusuarios", "email": "admin", "password": "$2a$12$PXAGDy0JG4x8M1GAkbeh3uHKUmZI9iM66w/L9Shv5f.iRpgXaDEK", "administracion": "boot", "role": "superusuarios"}, {"_id": "67261685844db2c9d520bdb2", "name": "Admin", "lastname": "Admin", "nickname": "yeya", "email": "admin2", "password": "$2a$12$2udtEhRsJRR0hNbtTnvW.wKUxgPhJwOC75eN3BxqESB7Kndy6MSu", "administracion": "Admin", "role": "user"}, {"_id": "6728263653e3be0cbf1d5c02", "name": "ejemplo", "lastname": "ejemplo", "nickname": "ejemplo", "email": "ejemplo@correo.com", "password": "$2a$12$065AtZpH5tcD3.JhuICUzOhjM1Fq6I0L046FvIORboNzienRYdfcC", "administracion": " ", "role": "user"}]
```

## Actualización por Patch

HTTP user / Update User PUT

PATCH http://localhost:3000/api/user/6728263653e3be0cbf1d5c02 Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Code Cookies

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

```
1 {
2   "name": "camilo",
3   "lastname": "mendez",
4   "nickname": "cami",
5   "email": "camim@correo.com",
6   "password": "1234",
7   "administracion": ".",
8   "role": " "
```

Body Cookies Headers (8) Test Results Status: 200 OK Time: 347 ms Size: 433 B

Pretty Raw Preview

```
1 [{"_id": "6728263653e3be0cbf1d5c02", "name": "camilo", "lastname": "mendez", "nickname": "cami", "email": "camim@correo.com", "password": "1234", "administracion": " ", "role": " "}]
```

test   técnicos   **users**   clientes   +

clientes.ujrog.mongodb.net > test > users Open MongoDB shell

Documents 2   Aggregations   Schema   Indexes 3   Validation

Type a query: { field: 'value' } or [Generate query](#)

ADD DATA EXPORT DATA UPDATE DELETE 50 1 - 3 of 3

```
name: "boot"
lastname: "boot"
nickname: "superusuarios"
email: "admin"
password: "$2a$12$PXAGDy@JG4xBM1GAkbeh3uHKUmZI9iM66w/L9Shv5f.iRpgGXaDEK"
administracion: "boot"
role: "superusuarios"

_id: ObjectId('67261685844db2c9d520bdb2')
name: "Admin"
lastname: "Admin"
nickname: "yeya"
email: "admin2"
password: "$2a$12$2udtEhRsJRR0hNbtTnvW.wKUxgPhJw0C75eN3BxqESB7Kndy6MSu"
administracion: "Admin"
role: "user"

_id: ObjectId('6728263653e3be0cbf1d5c02')
name: "camilo"
lastname: "mendez"
nickname: "cami"
email: "camim@correo.com"
password: "1234"
administracion: " "
role: " "
```

## Actualización de información Put

PUT http://localhost:3000/api/user/6728263653e3be0cbf1d5c02 Send

Params   Authorization   Headers (9)   **Body**   Pre-request Script   Tests   Settings

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

```
1 {
2   ... "name": "ca",
3   ... "lastname": "mm",
4   ... "nickname": "charlie",
5   ... "email": "charlie@correo.com",
6   ... "password": "1234",
7   ... "administracion": " ",
8   ... "role": " "
9 }
```

Body   Cookies   Headers (8)   Test Results Status: 200 OK Time: 209 ms Size: 430 B

Pretty Raw Preview

```
1 { "_id": "6728263653e3be0cbf1d5c02", "name": "ca", "lastname": "mm", "nickname": "charlie", "email": "charlie@correo.com", "password": "1234", "administracion": " ", "role": " " }
```

---

```
_id: ObjectId('6728263653e3be0cbf1d5c02')
name : "ca"
lastname : "mm"
nickname : "charlie"
email : "charlie@correo.com"
password : "1234"
administracion : " "
role : " "
```