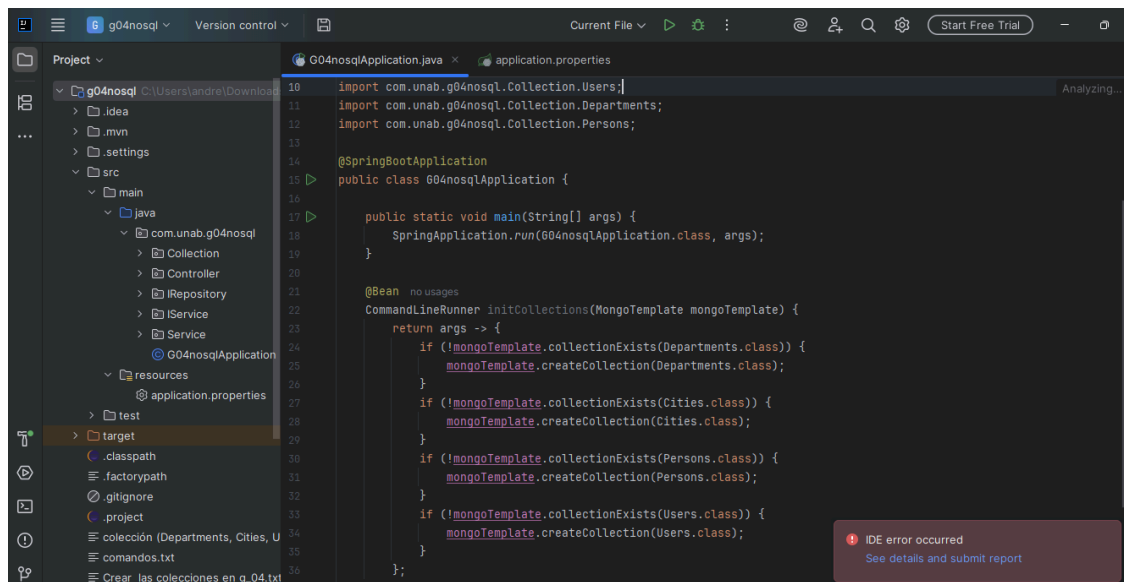


Taller NoSQL: MongoDB Compass + POSTMAN

Curso Bases de Datos 2 - Docente: Julian Rene Muñoz

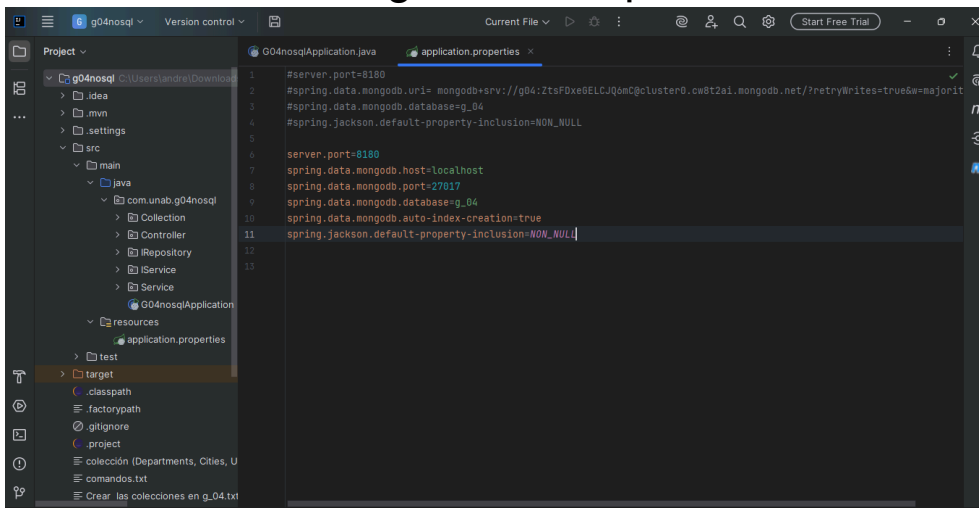
Estudiante: Cesar Andres Diaz Jimenez

1. Modificación de el ejecutable para fallo de creación de colecciones



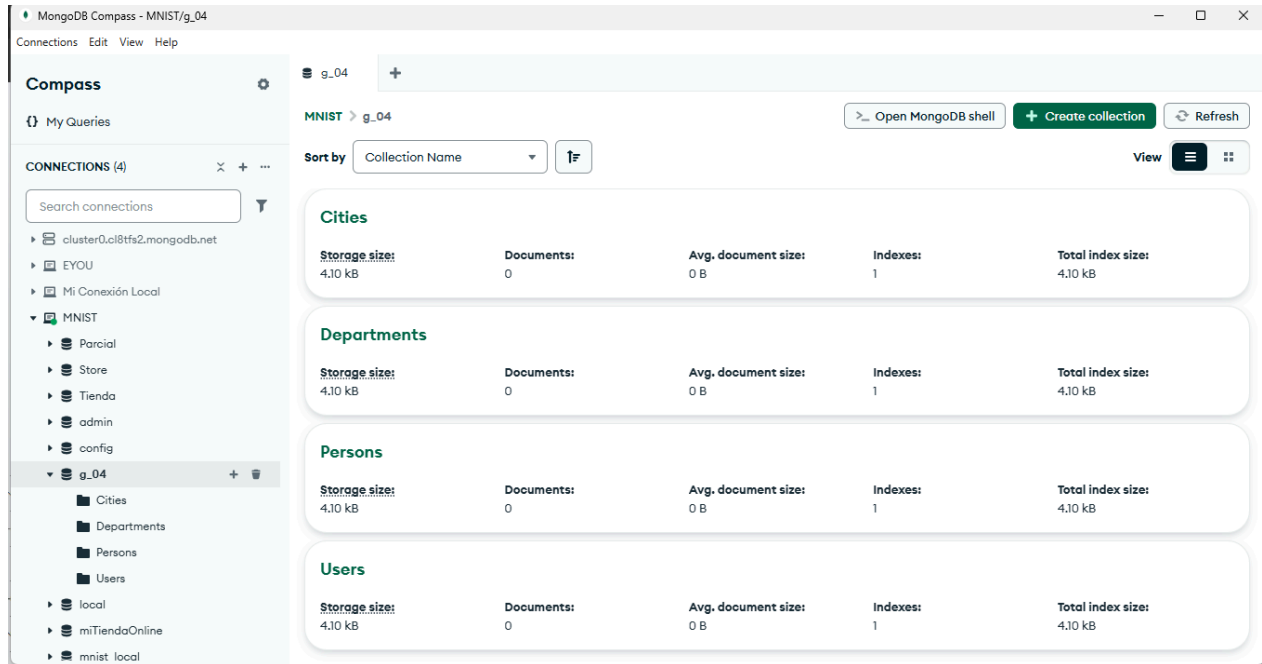
```
10 import com.unab.g04nosql.Collection.Users;
11 import com.unab.g04nosql.Collection.Departments;
12 import com.unab.g04nosql.Collection.Persons;
13
14 @SpringBootApplication
15 public class G04nosqlApplication {
16
17     public static void main(String[] args) {
18         SpringApplication.run(G04nosqlApplication.class, args);
19     }
20
21     @Bean
22     CommandLineRunner initCollections(MongoTemplate mongoTemplate) {
23         return args -> {
24             if (!mongoTemplate.collectionExists(Departments.class)) {
25                 mongoTemplate.createCollection(Departments.class);
26             }
27             if (!mongoTemplate.collectionExists(Cities.class)) {
28                 mongoTemplate.createCollection(Cities.class);
29             }
30             if (!mongoTemplate.collectionExists(Persons.class)) {
31                 mongoTemplate.createCollection(Persons.class);
32             }
33             if (!mongoTemplate.collectionExists(Users.class)) {
34                 mongoTemplate.createCollection(Users.class);
35             }
36         };
37     }
38 }
```

2. Conexion a Mongo DB Compass



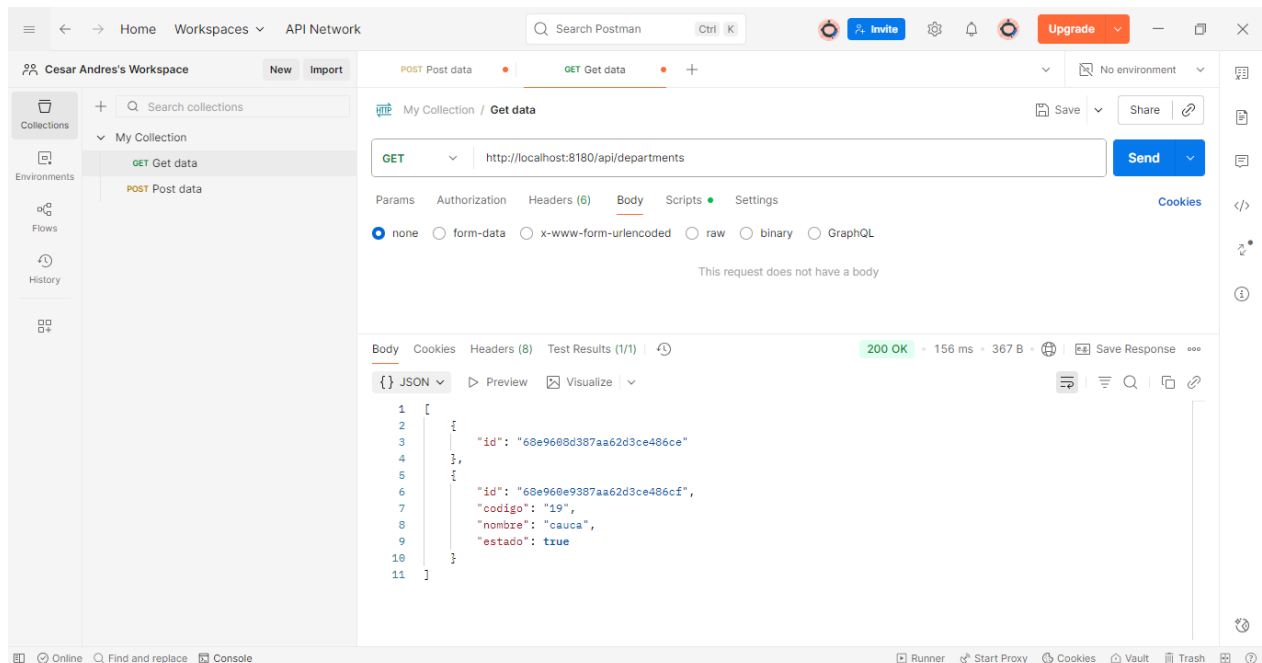
```
1 #server.port=8180
2 #spring.data.mongodb.uri= mongodb+srv://g04:ItsFDxe6ELCjQnC@cluster0.cw8t2a1.mongodb.net/?retryWrites=true&majority
3 #spring.data.mongodb.database=g_04
4 #spring.jackson.default-property-inclusion=NON_NULL
5
6 server.port=8180
7 spring.data.mongodb.host=localhost
8 spring.data.mongodb.port=27017
9 spring.data.mongodb.database=g_04
10 spring.data.mongodb.auto-index-creation=true
11 spring.jackson.default-property-inclusion=NON_NULL
12
13
```

3. Vista



4. Pruebas con PostMan

GET Todos Los registros



Home Workspaces API Network Search Postman Ctrl K

Cesar Andres's Workspace New Import

My Collection / Get data

GET http://localhost:8180/api/users

Params Authorization Headers (6) Body Scripts Settings Cookies

<input checked="" type="checkbox"/>	User-Agent	PostmanRuntime/7.48.0
<input checked="" type="checkbox"/>	Accept	*/*
<input checked="" type="checkbox"/>	Accept-Encoding	gzip, deflate, br
<input checked="" type="checkbox"/>	Connection	keep-alive
	Key	Value
		Description

Body Cookies Headers (8) Test Results (1/1) 200 OK - 132 ms - 341 B Save Response

```
{
  "id": "68e961d3f3874829b5c39ac",
  "usuario": "admin",
  "contrasena": "1234",
  "estado": true
}
```

Home Workspaces API Network Search Postman Ctrl K

Cesar Andres's Workspace New Import

My Collection / Get data

GET http://localhost:8180/api/persons

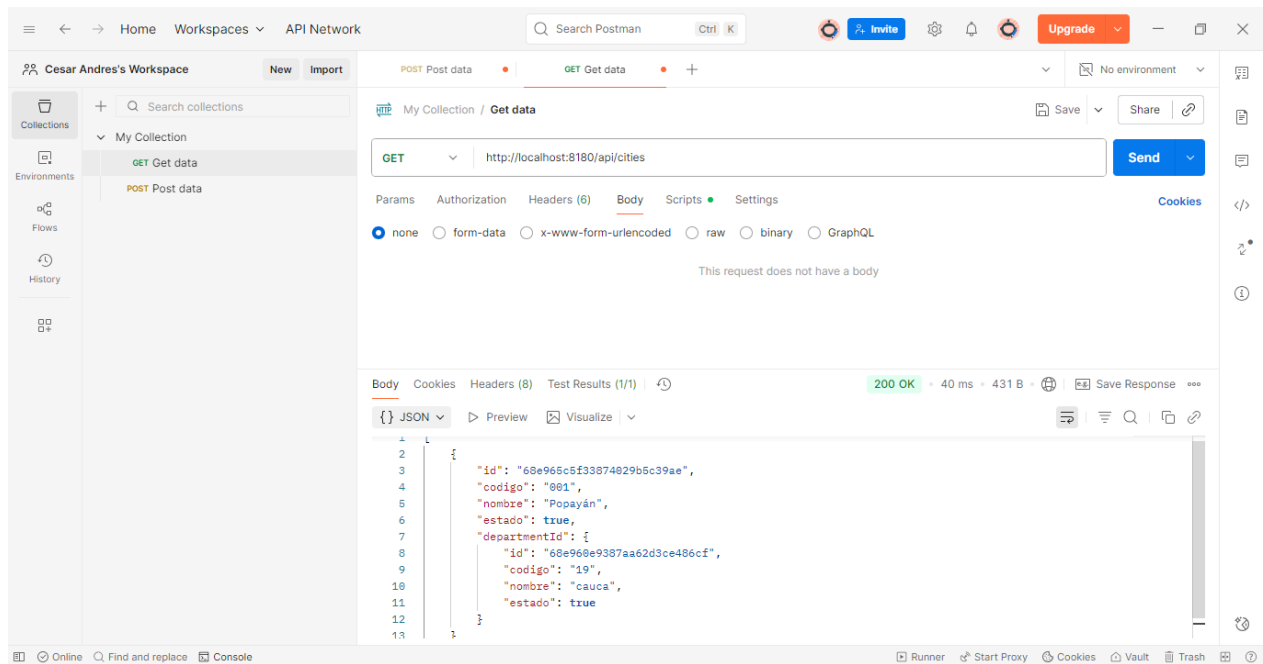
Params Authorization Headers (6) Body Scripts Settings Cookies

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

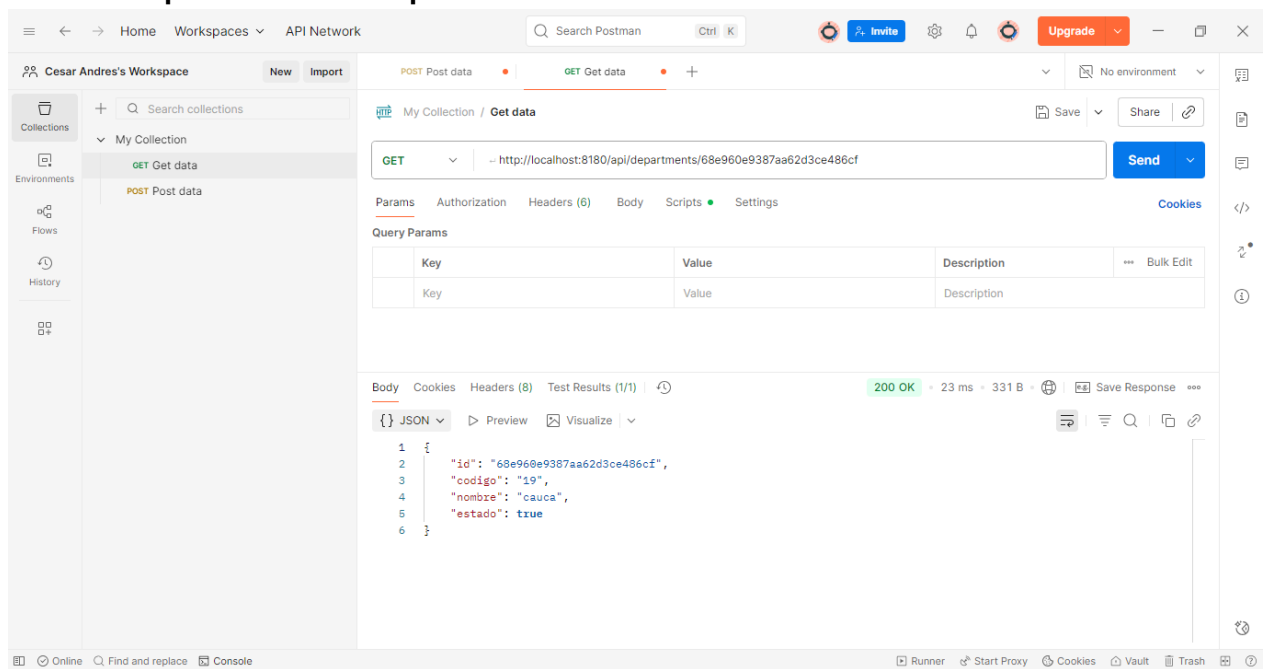
This request does not have a body

Body Cookies Headers (8) Test Results (1/1) 200 OK - 427 ms - 679 B Save Response

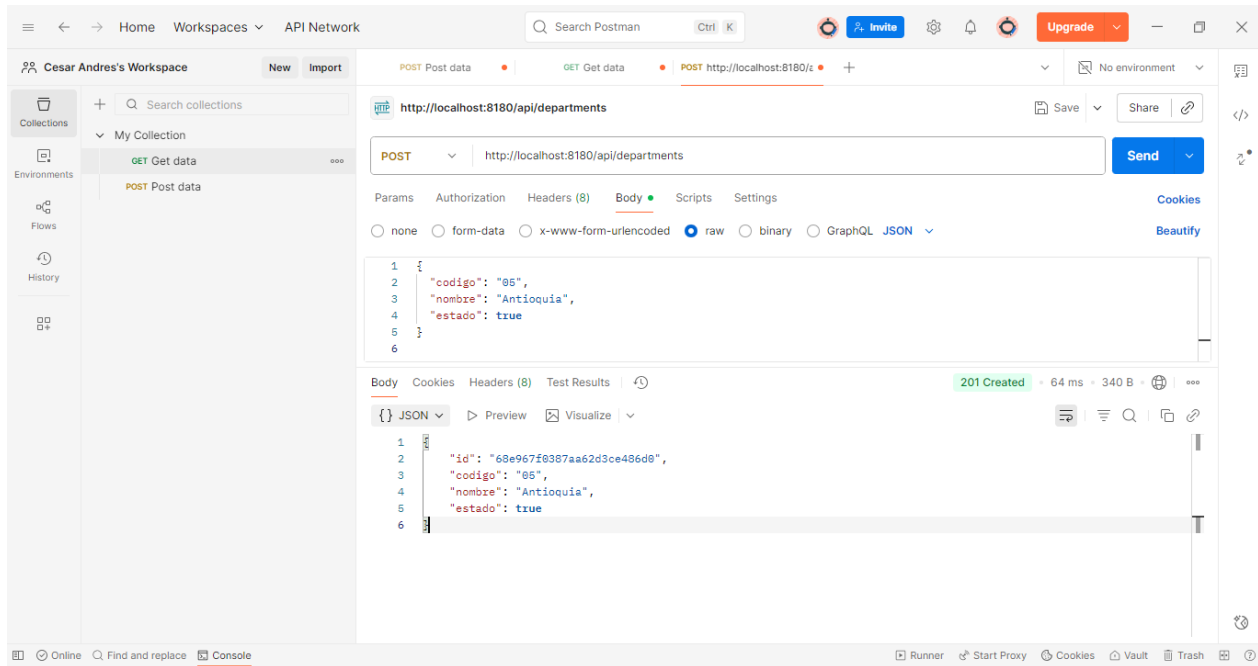
```
{
  "id": "68e965cdf3874829b5c39af",
  "tipoDocumento": "CC",
  "documento": "11223344",
  "primerNombre": "Carlos",
  "segundoNombre": "Andres",
  "primerApellido": "Lopez",
  "segundoApellido": "Martinez",
  "correo": "carlos@example.com",
  "telefono": "3128080808",
  "fechaNacimiento": "1995-06-15T08:00:00.000+00:00",
  "direccion": "Cra 5 #10-28"
}
```



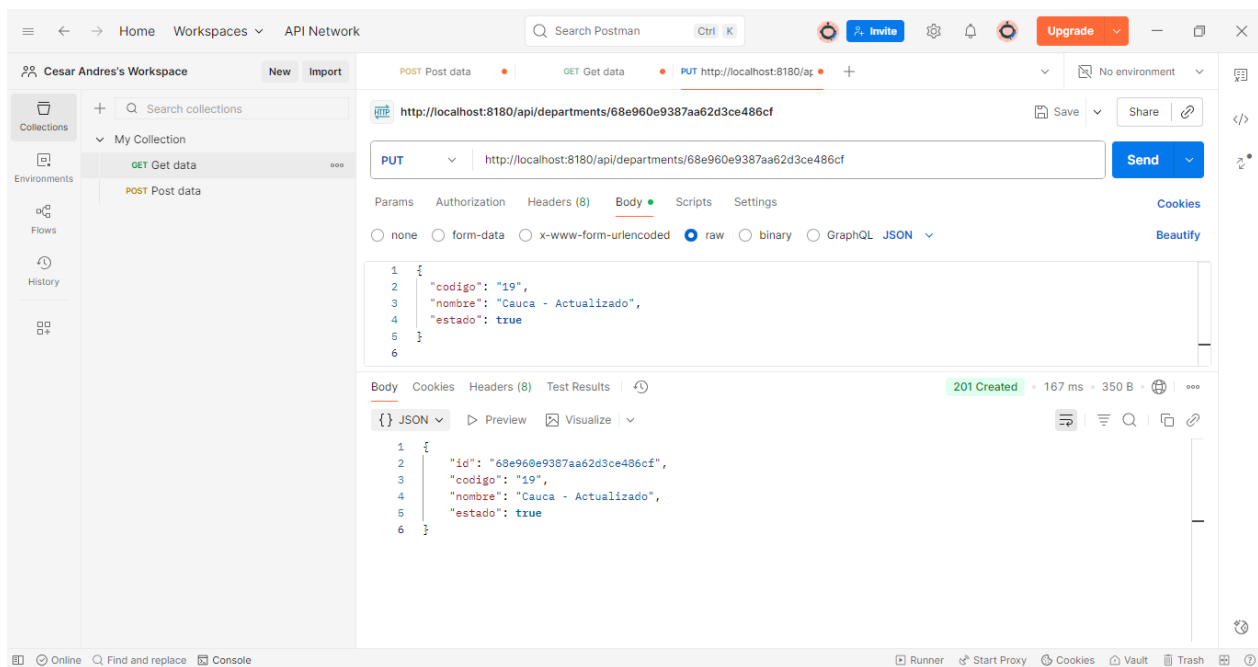
GET departamento por ID



Post Department



PUT actualizar department



Agregar datos a la base

The screenshot shows the Postman application interface. On the left sidebar, under 'Collections', 'My Collection' is expanded, showing a 'POST Post data' request. The main panel displays the details of this request. The URL is 'http://localhost:8180/api/departments'. The method is 'POST'. The body is a JSON object:

```
{  "codigo": "76",  "nombre": "Valle del Cauca",  "estado": true}
```

. The response status is '201 Created' with a response time of 18 ms and a body size of 346 B. The response body is a JSON object:

```
{  "id": "68e968e6387aa62d3ce486d1",  "codigo": "76",  "nombre": "Valle del Cauca",  "estado": true}
```

.

The screenshot shows the Postman application interface. On the left sidebar, under 'Collections', 'My Collection' is expanded, showing a 'POST Post data' request. The main panel displays the details of this request. The URL is 'http://localhost:8180/api/cities'. The method is 'POST'. The body is a JSON object:

```
{  "nombre": "Cali",  "estado": true,  "departmentId": {    "id": "68e968e6387aa62d3ce486d1"  }}
```

. The response status is '201 Created' with a response time of 75 ms and a body size of 385 B. The response body is a JSON object:

```
{  "id": "68e9692f387aa62d3ce486d2",  "codigo": "083",  "nombre": "Cali",  "estado": true,  "departmentId": {    "id": "68e968e6387aa62d3ce486d1"  }}
```

.

Postman interface showing a POST request to `http://localhost:8180/api/users`. The request body is a JSON object:

```
1 {
2   "usuario": "juang",
3   "password": "password123",
4   "rol": "Consultor",
5   "estado": true
6 }
```

The response is a 201 Created status with a 30 ms response time and 323 B body. The response body is a JSON object:

```
1 {
2   "id": "68e9e972387aa62d3ce486d3",
3   "usuario": "juang",
4   "estado": true
5 }
```

Postman interface showing a POST request to `http://localhost:8180/api/persons`. The request body is a JSON object:

```
1 {
2   "tipoDocumento": "CE",
3   "documento": "33445566",
4   "primerNombre": "Juan",
5   "segundoNombre": "Sebastian",
6   "primerApellido": "Garcia",
7 }
```

The response is a 201 Created status with an 89 ms response time and 675 B body. The response body is a JSON object:

```
7   "primerApellido": "Garcia",
8   "segundoApellido": "Torres",
9   "correo": "juan@example.com",
10  "telefono": "3915556677",
11  "fechaNacimiento": "2000-11-02T00:00:00.000+00:00",
12  "direccion": "Av. 3N #45-90",
13  "estado": true,
14  "usuarioId": {
15    "id": "68e9e972387aa62d3ce486d3"
16  },
17  "ciudadId": {
18    "id": "68e9e92f387aa62d3ce486d2"
19  }
```

