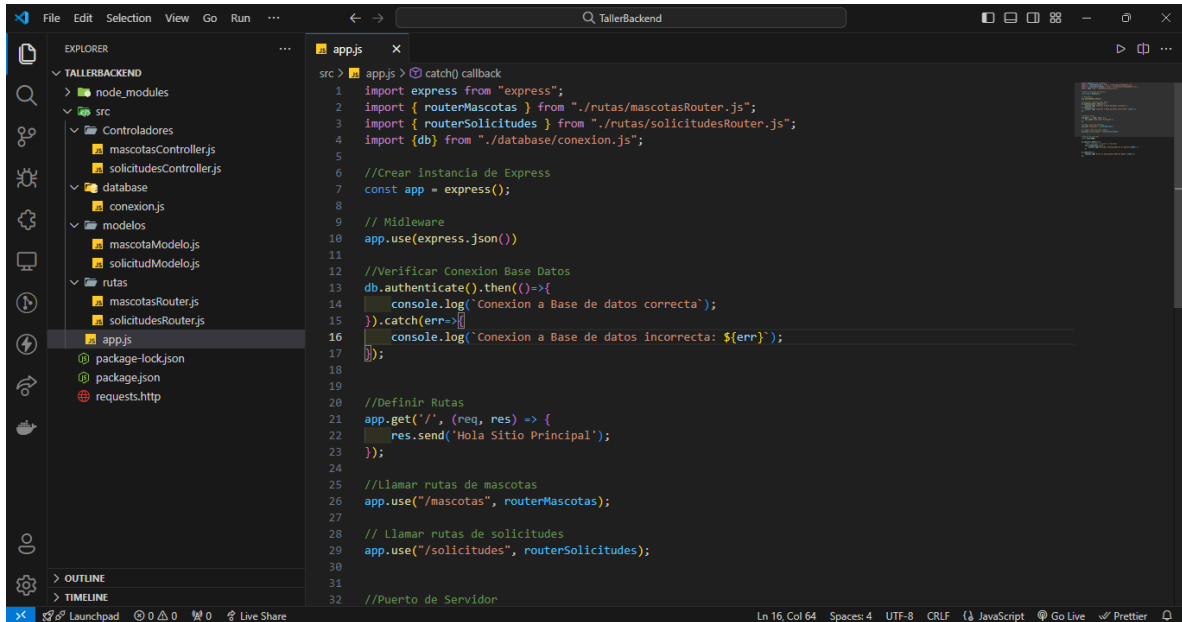
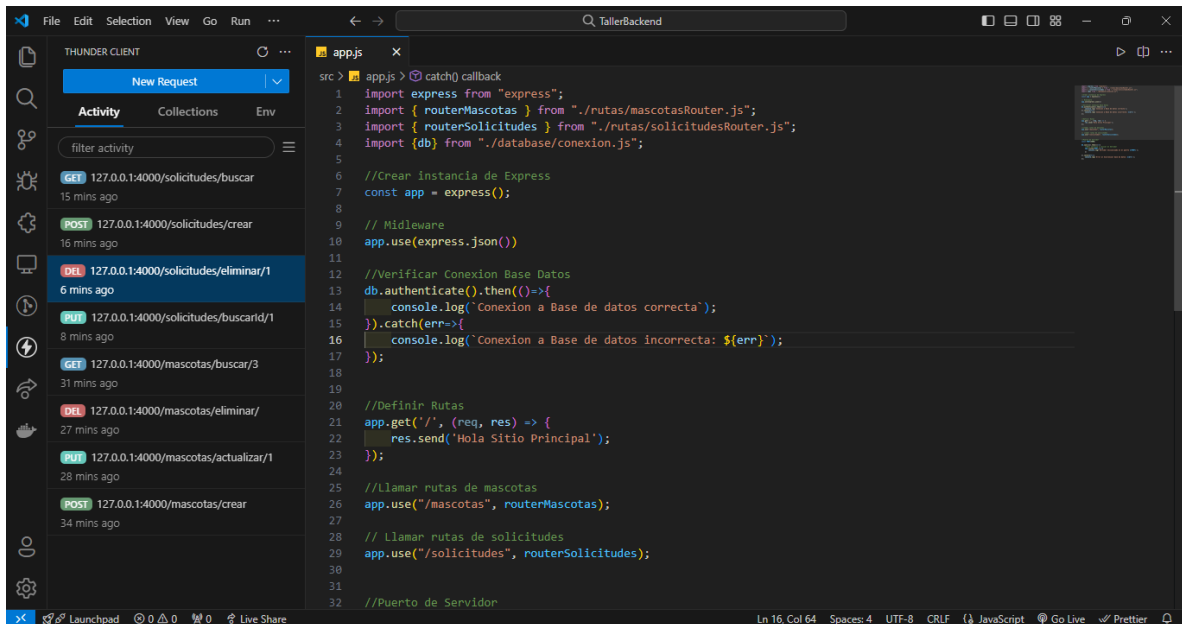


# INFORME BACKEND



The screenshot shows the VS Code editor with the 'TallerBackend' project open. The Explorer panel on the left displays the project structure, including folders for 'node\_modules', 'src', 'database', 'modelos', and 'rutas'. The 'app.js' file is selected in the 'src' folder. The main editor area shows the code for 'app.js', which includes imports for 'express', 'routerMascotas', 'routerSolicitudes', and 'db'. It also shows the Express app setup, middleware, and route definitions for '/'. The code is as follows:

```
src > app.js > catch() callback
1 import express from "express";
2 import { routerMascotas } from "../rutas/mascotasRouter.js";
3 import { routerSolicitudes } from "../rutas/solicitudesRouter.js";
4 import { db } from "../database/conexion.js";
5
6 //Crear instancia de Express
7 const app = express();
8
9 // Middleware
10 app.use(express.json());
11
12 //Verificar Conexion Base Datos
13 db.authenticate().then(()=>{
14   console.log('Conexion a Base de datos correcta');
15 }).catch(err=>{
16   console.log(`Conexion a Base de datos incorrecta: ${err}`);
17 });
18
19
20 //Definir Rutas
21 app.get('/', (req, res) => {
22   res.send('Hola Sitio Principal');
23 });
24
25 //Llamar rutas de mascotas
26 app.use("/mascotas", routerMascotas);
27
28 // Llamar rutas de solicitudes
29 app.use("/solicitudes", routerSolicitudes);
30
31
32 //Puerto de Servidor
```

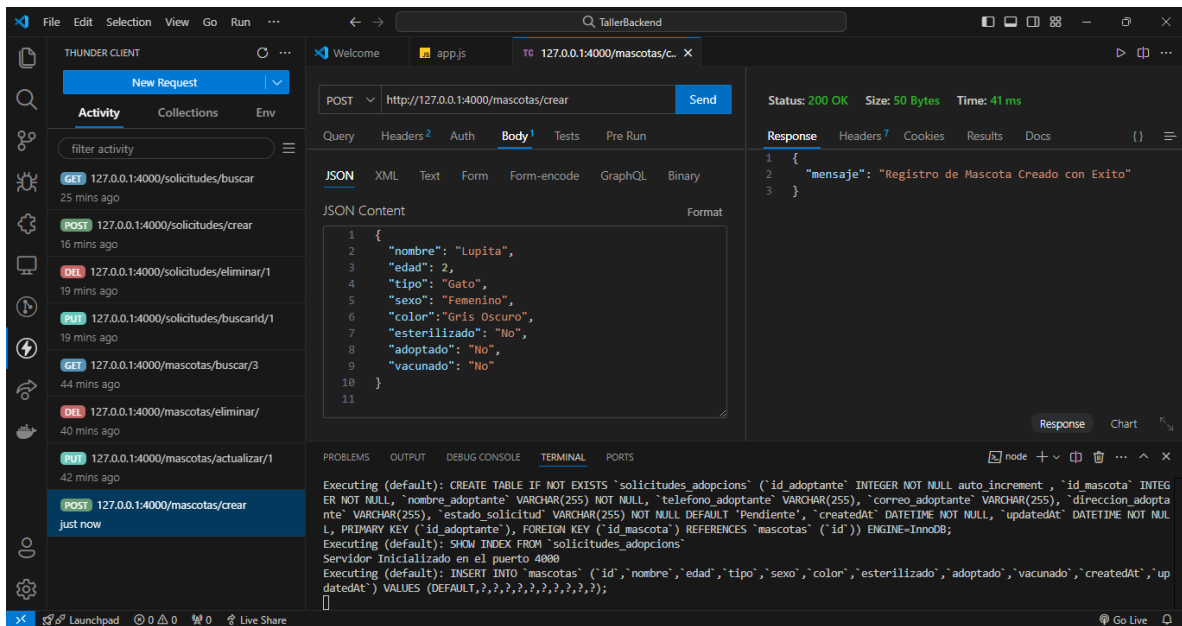
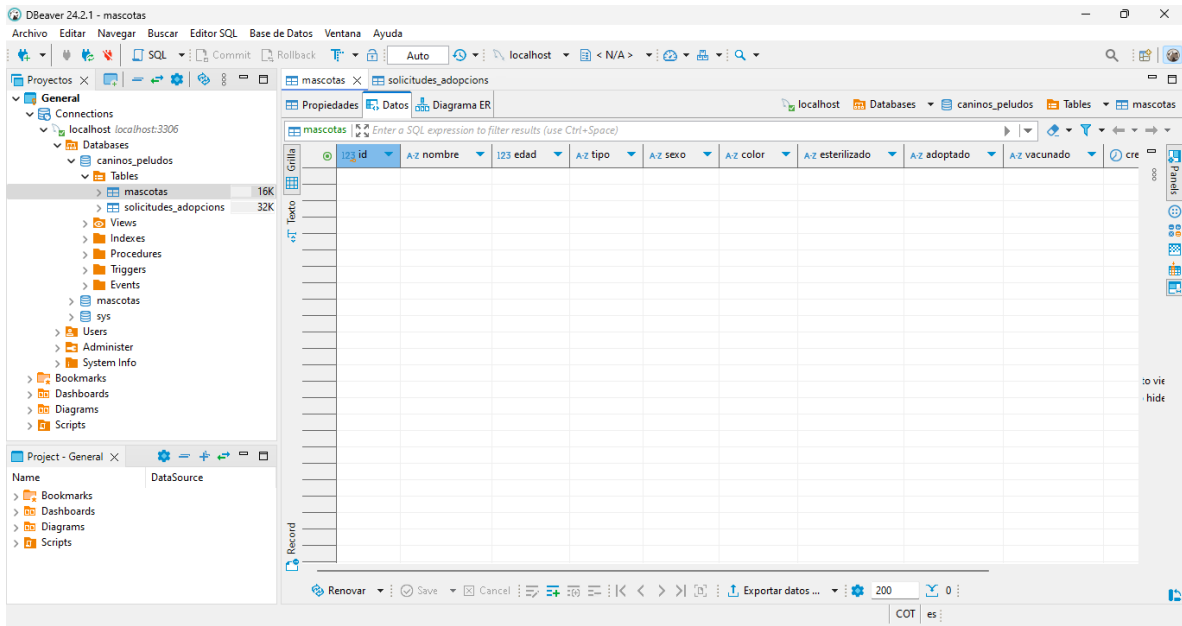


The screenshot shows the VS Code editor with the 'TallerBackend' project open. The Explorer panel on the left displays the project structure. The main editor area shows the code for 'app.js', which includes imports for 'express', 'routerMascotas', 'routerSolicitudes', and 'db'. It also shows the Express app setup, middleware, and route definitions for '/'. The code is as follows:

```
src > app.js > catch() callback
1 import express from "express";
2 import { routerMascotas } from "../rutas/mascotasRouter.js";
3 import { routerSolicitudes } from "../rutas/solicitudesRouter.js";
4 import { db } from "../database/conexion.js";
5
6 //Crear instancia de Express
7 const app = express();
8
9 // Middleware
10 app.use(express.json());
11
12 //Verificar Conexion Base Datos
13 db.authenticate().then(()=>{
14   console.log('Conexion a Base de datos correcta');
15 }).catch(err=>{
16   console.log(`Conexion a Base de datos incorrecta: ${err}`);
17 });
18
19
20 //Definir Rutas
21 app.get('/', (req, res) => {
22   res.send('Hola Sitio Principal');
23 });
24
25 //Llamar rutas de mascotas
26 app.use("/mascotas", routerMascotas);
27
28 // Llamar rutas de solicitudes
29 app.use("/solicitudes", routerSolicitudes);
30
31
32 //Puerto de Servidor
```

The Thunder Client panel on the left shows a list of API requests:

- GET** 127.0.0.1:4000/solicitudes/buscar (15 mins ago)
- POST** 127.0.0.1:4000/solicitudes/crear (16 mins ago)
- DEL** 127.0.0.1:4000/solicitudes/eliminar/1 (6 mins ago)
- PUT** 127.0.0.1:4000/solicitudes/buscarid/1 (8 mins ago)
- GET** 127.0.0.1:4000/mascotas/buscar/3 (31 mins ago)
- DEL** 127.0.0.1:4000/mascotas/eliminar/ (27 mins ago)
- PUT** 127.0.0.1:4000/mascotas/actualizar/1 (28 mins ago)
- POST** 127.0.0.1:4000/mascotas/crear (34 mins ago)





DBeaver 24.2.1 - mascotas

Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda

SQL Commit Rollback Auto localhost < N/A

Proyectos X

General

- Connections
  - localhost:3306
    - Databases
      - caninos\_peludos
        - Tables
          - mascotas 16K
            - solicitudes\_adopciones
- Views
- Indexes
- Procedures
- Triggers
- Events
- masctotas
- sys
- Users
- Administer
- System Info
- Bookmarks
- Dashboards
- Diagrams

Project - General X

Name DataSource

Propiedades Datos Diagrama ER

Enter a SQL expression to filter results (use Ctrl+Space)

	id	nombre	edad	tipo	sexo	color	esterilizado	adoptado	vacunado	createdAt
1	1	Lupita	2	Gato	Femenino	Gris Oscuro	No	No	No	2024-09-24 23
2	2	Moli	4	Perro	Masculino	Negro	Si	No	Si	2024-09-24 23

Renovar Save Cancel Exportar datos ... 200 2

2 row(s) fetched - 0,00s, on 2024-09-24 at 18:17:30

COT es

File Edit Selection View Go Run ...

THUNDER CLIENT

New Request

Activity Collections Env

filter activity

GET 127.0.0.1:4000/solicitudes/buscar 25 mins ago

POST 127.0.0.1:4000/solicitudes/crear 16 mins ago

DEL 127.0.0.1:4000/solicitudes/eliminar/1 19 mins ago

PUB 127.0.0.1:4000/solicitudes/buscarid/1 19 mins ago

GET 127.0.0.1:4000/mascotas/buscar/3 just now

DEL 127.0.0.1:4000/mascotas/eliminar/ 40 mins ago

PUB 127.0.0.1:4000/mascotas/actualizar/1 42 mins ago

POST 127.0.0.1:4000/mascotas/crear just now

Welcome app.js TC 127.0.0.1:4000/mascotas/b...

GET http://127.0.0.1:4000/mascotas/buscar Send

Status: 200 OK Size: 435 Bytes Time: 9 ms

Query Headers 2 Auth Body Tests Pre Run

Query Parameters

parameter value

Response Headers 7 Cookies Results Docs {}

```
[
  {
    "id": 1,
    "nombre": "Lupita",
    "edad": 2,
    "tipo": "Gato",
    "sexo": "Femenino",
    "color": "Gris Oscuro",
    "esterilizado": "No",
    "adoptado": "No",
    "vacunado": "No",
    "createdAt": "2024-09-24T23:13:17.000Z",
    "updatedAt": "2024-09-24T23:13:17.000Z"
  },
  {
    "id": 2,
    "nombre": "Moli",
    "edad": 4,
    "tipo": "Perro",
    "sexo": "Masculino",
    "color": "Negro",
    "esterilizado": "Si",
    "adoptado": "No",
    "vacunado": "Si",
    "createdAt": "2024-09-24T23:17:24.000Z",
    "updatedAt": "2024-09-24T23:17:24.000Z"
  }
]
```

Response Chart

Launchpad 0 0 0 Live Share Go Live

THUNDER CLIENT

New Request

Activity Collections Env

filter activity

GET 127.0.0.1:4000/solicitudes/buscar 25 mins ago

POST 127.0.0.1:4000/solicitudes/crear 16 mins ago

DEL 127.0.0.1:4000/solicitudes/eliminar/1 19 mins ago

PUT 127.0.0.1:4000/solicitudes/buscarid/1 19 mins ago

GET 127.0.0.1:4000/mascotas/buscar/3 just now

DEL 127.0.0.1:4000/mascotas/eliminar/ 40 mins ago

PUT 127.0.0.1:4000/mascotas/actualizar/1 42 mins ago

POST 127.0.0.1:4000/mascotas/crear just now

GET http://127.0.0.1:4000/mascotas/buscarid/2 Send

Query Headers 2 Auth Body Tests Pre Run

Query Parameters

parameter value

Status: 200 OK Size: 213 Bytes Time: 8 ms

Response Headers 7 Cookies Results Docs {}

```
1 {
2   "id": 2,
3   "nombre": "Moli",
4   "edad": 4,
5   "tipo": "Perro",
6   "sexo": "Masculino",
7   "color": "Negro",
8   "esterilizado": "Si",
9   "adoptado": "No",
10  "vacunado": "Si",
11  "createdAt": "2024-09-24T23:17:24.000Z",
12  "updatedAt": "2024-09-24T23:17:24.000Z"
13 }
```

Response Chart

Launchpad 0 0 0 0 Live Share Go Live

THUNDER CLIENT

New Request

Activity Collections Env

filter activity

GET 127.0.0.1:4000/solicitudes/buscar 25 mins ago

POST 127.0.0.1:4000/solicitudes/crear 16 mins ago

DEL 127.0.0.1:4000/solicitudes/eliminar/1 19 mins ago

PUT 127.0.0.1:4000/solicitudes/buscarid/1 19 mins ago

GET 127.0.0.1:4000/mascotas/buscar/3 just now

DEL 127.0.0.1:4000/mascotas/eliminar/ 40 mins ago

PUT 127.0.0.1:4000/mascotas/actualizar/1 just now

POST 127.0.0.1:4000/mascotas/crear just now

PUT http://127.0.0.1:4000/mascotas/actualizar/2 Send

Query Headers 2 Auth Body 1 Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content Format

```
1 {
2   "nombre": "Toby",
3   "edad": 7,
4   "tipo": "Conejo",
5   "sexo": "Femenino",
6   "color": "Blanco",
7   "esterilizado": "Si",
8   "adoptado": "No",
9   "vacunado": "No"
10 }
```

Status: 200 OK Size: 51 Bytes Time: 28 ms

Response Headers 7 Cookies Results Docs {}

```
1 {
2   "tipo": "success",
3   "mensaje": "Registro Actualizado"
4 }
```

Copy

Response Chart

Launchpad 0 0 0 0 Live Share Go Live

DBeaver 24.2.1 - mascotas

Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda

SQL Commit Rollback Auto localhost < N/A

Proyectos X

General

- Connections
  - localhost:localhost:3306
    - Databases
      - caninos\_peludos
        - Tables
          - mascotas 16K
          - solicitudes\_adopcions
        - Views
        - Indexes
        - Procedures
        - Triggers
        - Events
        - masctotas
        - sys
        - Users
        - Administer
        - System Info
      - Bookmarks
      - Dashboards
      - Diagrams

Project - General X

Name DataSource

Bookmarks Dashboards Diagrams Scripts

Propiedades Datos Diagrama ER

localhost Databases caninos\_peludos Tables mascotas

Enter a SQL expression to filter results (use Ctrl+Space)

	id	nombre	edad	tipo	sexo	color	esterilizado	adoptado	vacunado	createdAt
1	1	Lupita	2	Gato	Femenino	Gris Oscuro	No	No	No	2024-09-24 23
2	2	Toby	7	Conejo	Femenino	Blanco	Si	No	No	2024-09-24 23

Renovar Save Cancel Exportar datos ... 200 2

2 row(s) fetched - 0,017s, on 2024-09-24 at 18:23:21

COT es

File Edit Selection View Go Run ...

THUNDER CLIENT

New Request Activity Collections Env

filter activity

GET 127.0.0.1:4000/solicitudes/buscar 25 mins ago

POST 127.0.0.1:4000/solicitudes/crear 16 mins ago

DEL 127.0.0.1:4000/solicitudes/eliminar/1 19 mins ago

PUB 127.0.0.1:4000/solicitudes/buscarid/1 19 mins ago

GET 127.0.0.1:4000/mascotas/buscar/3 just now

DEL 127.0.0.1:4000/mascotas/eliminar/ just now

PUB 127.0.0.1:4000/mascotas/actualizar/1 just now

POST 127.0.0.1:4000/mascotas/crear just now

app.js TC 127.0.0.1:4000/mascotas/a... TC 127.0.0.1:4000/mascotas/e...

DELETE http://127.0.0.1:4000/mascotas/eliminar/2 Send

Status: 200 OK Size: 42 Bytes Time: 20 ms

Query Headers 2 Auth Body Tests Pre Run

Query Parameters

parameter value

Response Headers 7 Cookies Results Docs {}

```

1 {
2   "mensaje": "Mascota eliminada con éxito"
3 }

```

Response Chart

Launchpad 0 0 0 Live Share Go Live

DBeaver 24.2.1 - mascotas

Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda

localhost localhost:3306

caninos\_peludos

mascotas solicitudes\_adopciones

Propiedades Datos Diagrama ER

Enter a SQL expression to filter results (use Ctrl+Space)

id	nombre	edad	tipo	sexo	color	esterilizado	adoptado	vacunado	createdAt
1	Lupita	2	gato	Femenino	Gris Oscuro	No	No	No	2024-09-24 23

1 row(s) fetched - 0,00s, on 2024-09-24 at 18:24:34

COT es

DBeaver 24.2.1 - solicitudes\_adopciones

Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda

localhost localhost:3306

caninos\_peludos

mascotas solicitudes\_adopciones

Propiedades Datos Diagrama ER

Enter a SQL expression to filter results (use Ctrl+Space)

id_adoptante	id_mascota	nombre_adoptante	telefono_adoptante	correo_adoptante	direccion_adoptante
--------------	------------	------------------	--------------------	------------------	---------------------

to view hide

Renovar Save Cancel Exportar datos ... 200 0

COT es

THUNDER CLIENT

New Request

Activity

filter activity

GET 127.0.0.1:4000/solicitudes/buscar 25 mins ago

POST 127.0.0.1:4000/solicitudes/crear just now

DEL 127.0.0.1:4000/solicitudes/eliminar/1 19 mins ago

PUT 127.0.0.1:4000/solicitudes/buscarid/1 19 mins ago

GET 127.0.0.1:4000/mascotas/buscar/3 just now

DEL 127.0.0.1:4000/mascotas/eliminar/ just now

PUT 127.0.0.1:4000/mascotas/actualizar/1 just now

POST 127.0.0.1:4000/mascotas/crear just now

POST http://127.0.0.1:4000/solicitudes/crear Send

Query Headers Auth Body Tests Pre Run

JSON Content

```
1 {
2   "id_mascota": 1,
3   "nombre_adoptante": "Jidward Rodriguez",
4   "telefono_adoptante": 3145670632,
5   "correo_adoptante": "jrodriguez69@gmail.com",
6   "direccion_adoptante": "Calle 6a #3 - 119",
7   "estado_solicitud": "Pendiente"
8 }
```

Status: 201 Created Size: 355 Bytes Time: 23 ms

Response Headers Cookies Results Docs

```
1 {
2   "mensaje": "Solicitud de adopci3n creada",
3   "solicitud": {
4     "id_adoptante": 1,
5     "id_mascota": 1,
6     "nombre_adoptante": "Jidward Rodriguez",
7     "telefono_adoptante": 3145670632,
8     "correo_adoptante": "jrodriguez69@gmail.com",
9     "direccion_adoptante": "Calle 6a #3 - 119",
10    "estado_solicitud": "Pendiente",
11    "updatedAt": "2024-09-24T23:28:44.703Z",
12    "createdAt": "2024-09-24T23:28:44.703Z"
13  }
14 }
```

Mostrar iconos ocultos Response Chart Go Live

DBeaver 24.2.1 - solicitudes\_adopciones

Archivo Editor Navegar Buscar Editor SQL Base de Datos Ventana Ayuda

SQL Commit Rollback Auto localhost < N/A >

Proyectos X

General

Connections

localhost:3306

Databases

caninos\_peludos

Tables

mascotas

solicitudes

Views

Indexes

Procedures

Triggers

Events

sys

Users

Administer

System Info

Bookmarks

Dashboards

Scripts

Project - General X

Name DataSou

mascotas solicitudes\_adopciones

Propiedades Datos Diagrama ER

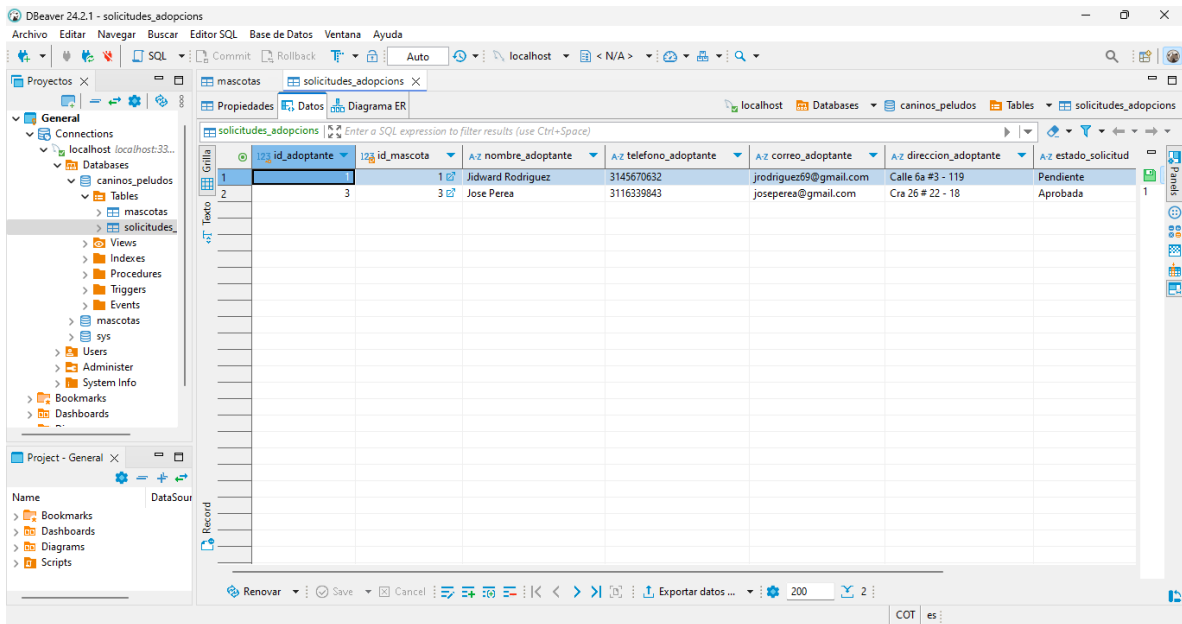
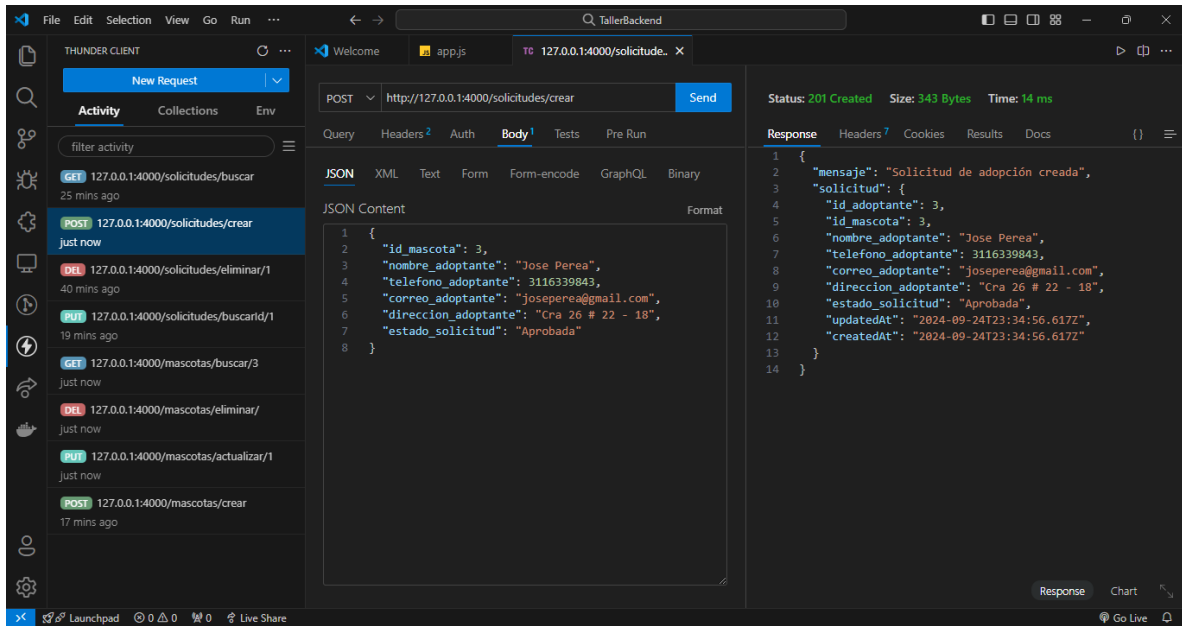
solicitudes\_adopciones Enter a SQL expression to filter results (use Ctrl+Space)

id_adoptante	id_mascota	nombre_adoptante	telefono_adoptante	correo_adoptante	direccion_adoptante	estado_solicitud
1	1	Jidward Rodriguez	3145670632	jrodriguez69@gmail.com	Calle 6a #3 - 119	Pendiente

Renovar Save Cancel Exportar datos ... 200 1 1 row(s) fetched - 0,00%, on 2024-09-24 at 18:29:23

COT es





THUNDER CLIENT

New Request

Activity Collections Env

filter activity

GET 127.0.0.1:4000/solicitudes/buscar just now

POST 127.0.0.1:4000/solicitudes/crear just now

DEL 127.0.0.1:4000/solicitudes/eliminar/1 40 mins ago

PUT 127.0.0.1:4000/solicitudes/buscarid/1 19 mins ago

GET 127.0.0.1:4000/mascotas/buscar/3 just now

DEL 127.0.0.1:4000/mascotas/eliminar/ just now

PUT 127.0.0.1:4000/mascotas/actualizar/1 just now

POST 127.0.0.1:4000/mascotas/crear 17 mins ago

GET http://127.0.0.1:4000/solicitudes/buscar Send

Query Headers 2 Auth Body Tests Pre Run

Query Parameters

parameter value

Status: 200 OK Size: 593 Bytes Time: 8 ms

Response Headers 7 Cookies Results Docs {}

```
1 {
2   {
3     "id_adoptante": 1,
4     "id_mascota": 1,
5     "nombre_adoptante": "Jidward Rodriguez",
6     "telefono_adoptante": "3145670632",
7     "correo_adoptante": "jrodriguez69@gmail.com",
8     "direccion_adoptante": "Calle 6a #3 - 119",
9     "estado_solicitud": "Pendiente",
10    "createdAt": "2024-09-24T23:28:44.000Z",
11    "updatedAt": "2024-09-24T23:28:44.000Z"
12  },
13  {
14    "id_adoptante": 3,
15    "id_mascota": 3,
16    "nombre_adoptante": "Jose Perea",
17    "telefono_adoptante": "3116339843",
18    "correo_adoptante": "joseperea@gmail.com",
19    "direccion_adoptante": "Cra 26 # 22 - 18",
20    "estado_solicitud": "Aprobada",
21    "createdAt": "2024-09-24T23:34:56.000Z",
22    "updatedAt": "2024-09-24T23:34:56.000Z"
23  }
24 }
```

Response Chart

Launchpad 0 0 0 0 Live Share Go Live

THUNDER CLIENT

New Request

Activity Collections Env

filter activity

GET 127.0.0.1:4000/solicitudes/buscar just now

POST 127.0.0.1:4000/solicitudes/crear just now

DEL 127.0.0.1:4000/solicitudes/eliminar/1 40 mins ago

PUT 127.0.0.1:4000/solicitudes/buscarid/1 19 mins ago

GET 127.0.0.1:4000/mascotas/buscar/3 just now

DEL 127.0.0.1:4000/mascotas/eliminar/ just now

PUT 127.0.0.1:4000/mascotas/actualizar/1 just now

POST 127.0.0.1:4000/mascotas/crear 17 mins ago

GET http://127.0.0.1:4000/solicitudes/buscarid/3 Send

Query Headers 2 Auth Body Tests Pre Run

Query Parameters

parameter value

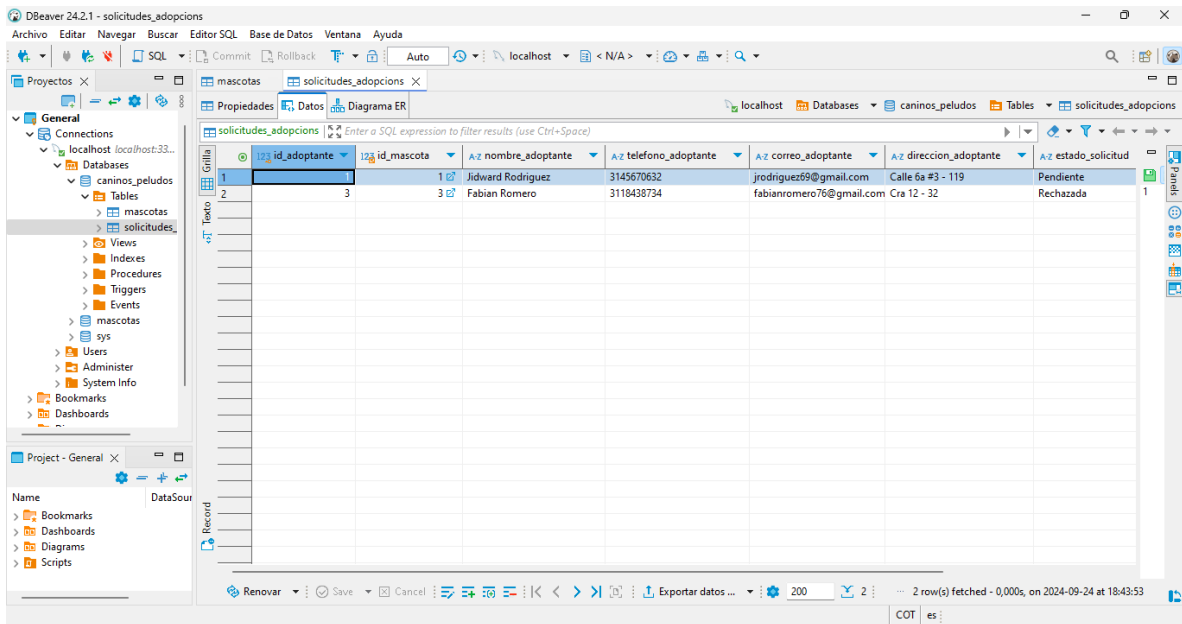
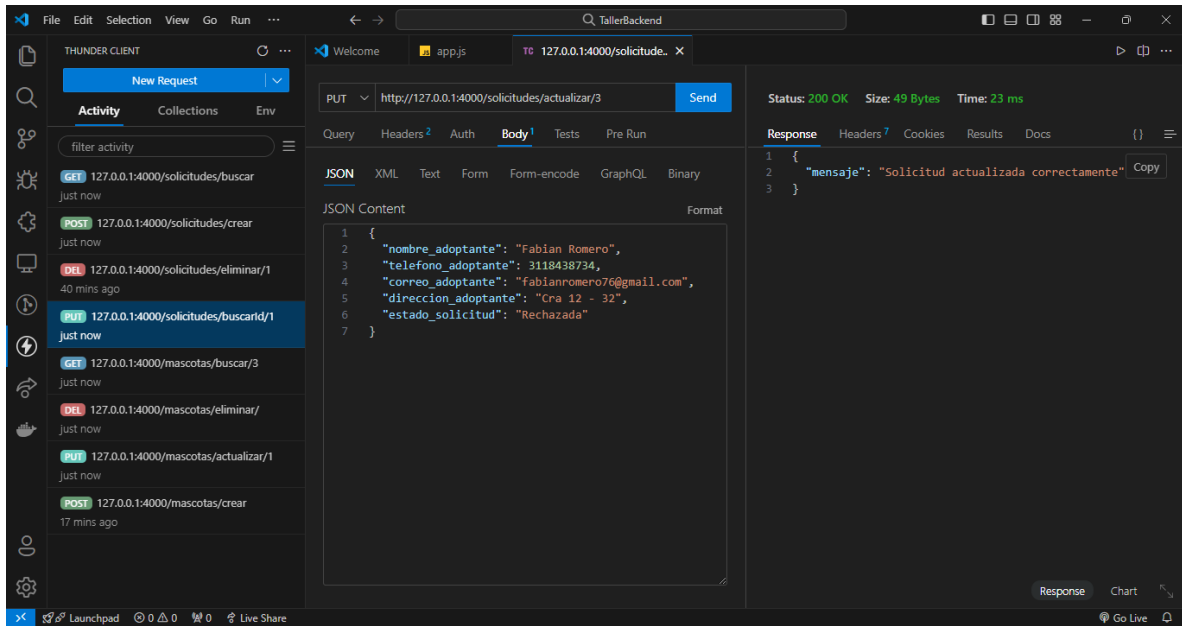
Status: 200 OK Size: 289 Bytes Time: 4 ms

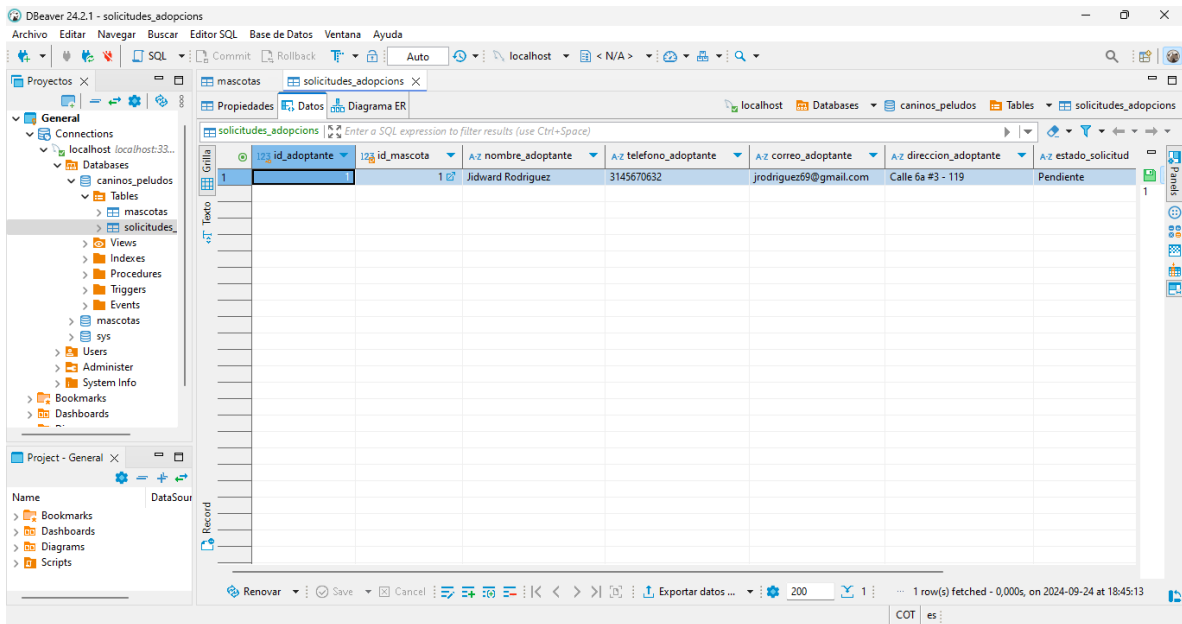
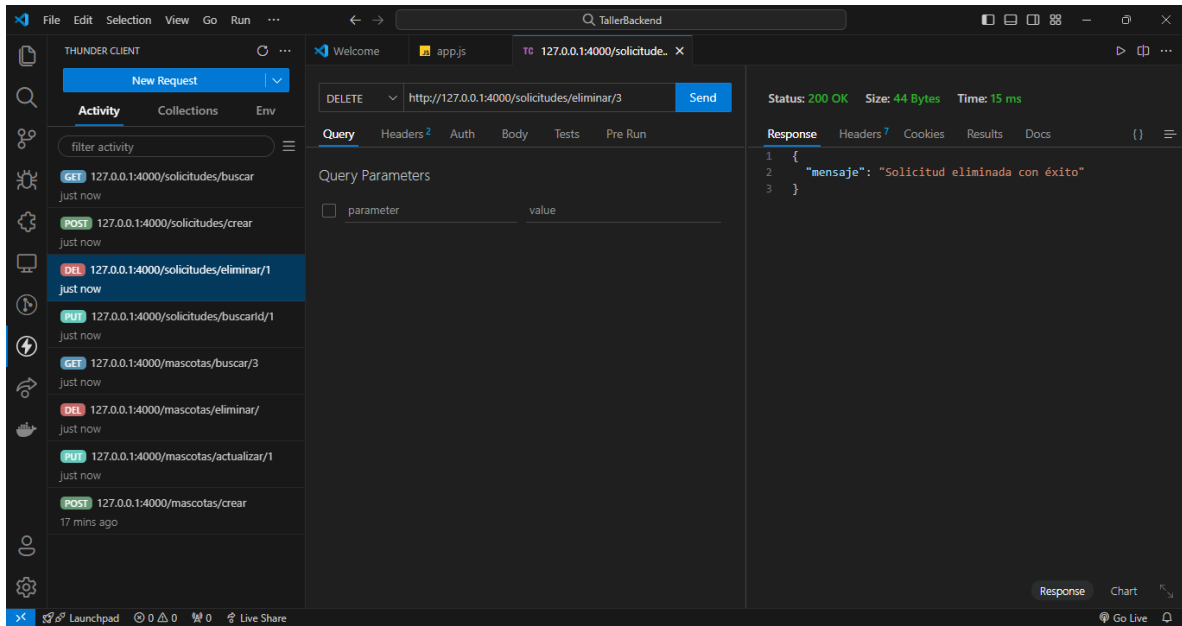
Response Headers 7 Cookies Results Docs {}

```
1 {
2   "id_adoptante": 3,
3   "id_mascota": 3,
4   "nombre_adoptante": "Jose Perea",
5   "telefono_adoptante": "3116339843",
6   "correo_adoptante": "joseperea@gmail.com",
7   "direccion_adoptante": "Cra 26 # 22 - 18",
8   "estado_solicitud": "Aprobada",
9   "createdAt": "2024-09-24T23:34:56.000Z",
10  "updatedAt": "2024-09-24T23:34:56.000Z"
11 }
```

Response Chart

Launchpad 0 0 0 0 Live Share Go Live





BY: JIDWARD RODRÍGUEZ PEREA