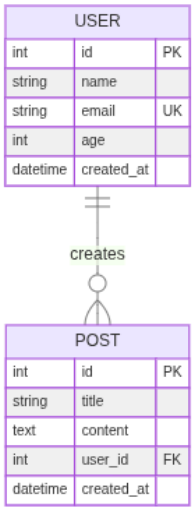
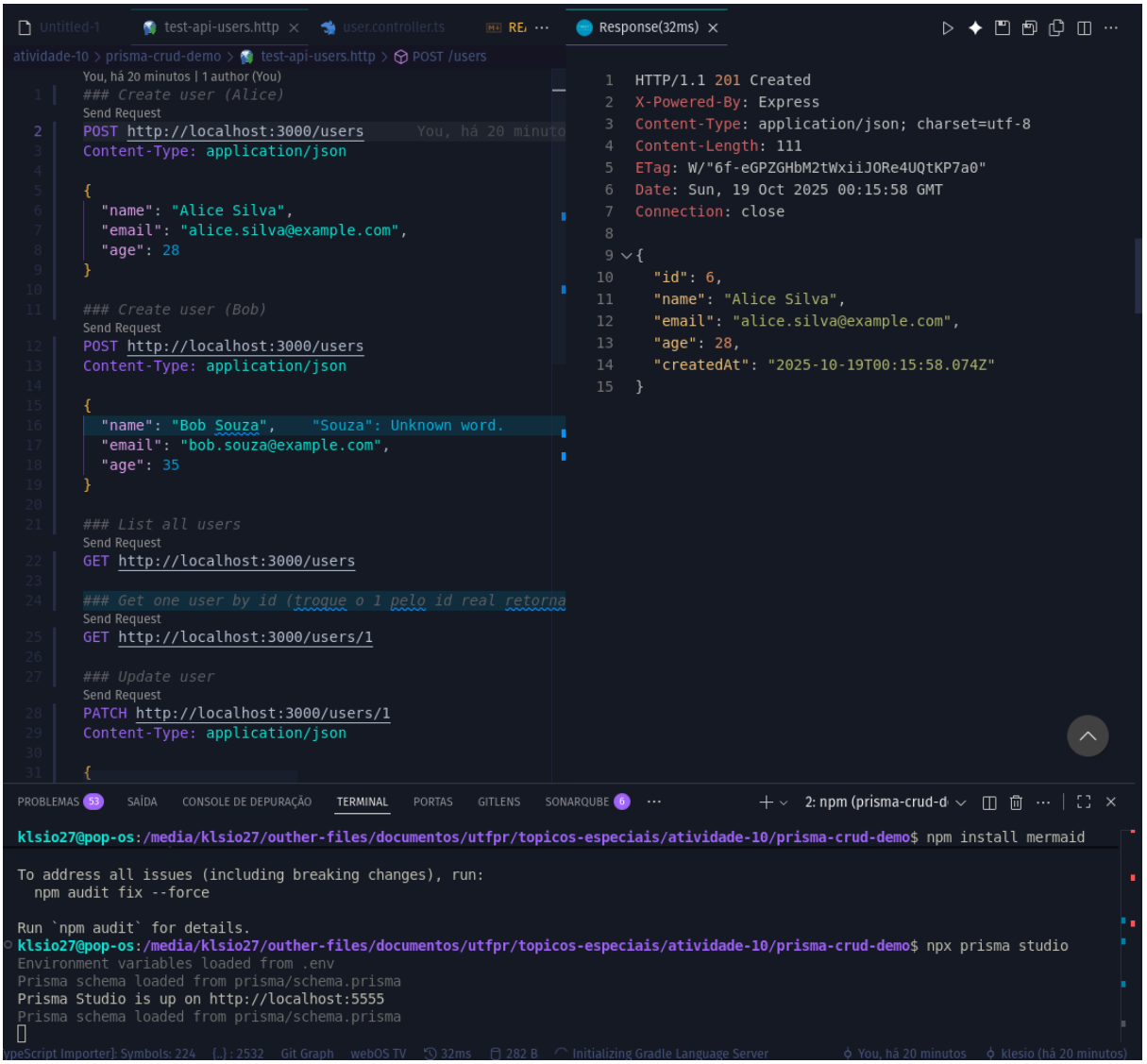
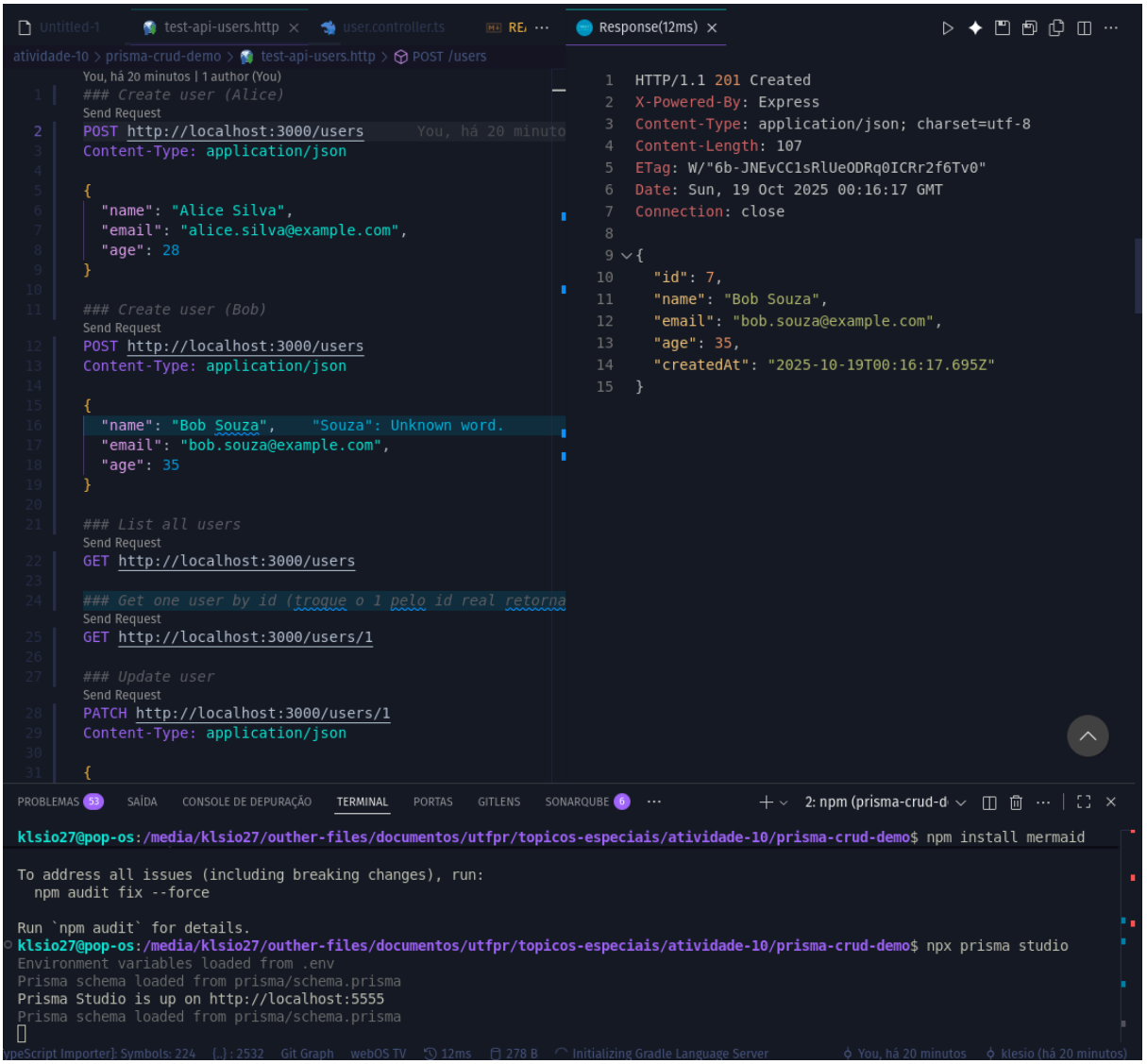
Atividade 10 - Implementação de CRUD com Prisma no NestJS

Mermaid ER Diagram — USER / POST



Abra este arquivo no navegador (ou use um servidor local) para renderizar o diagrama.


Untitled-1
test-api-users.http
user.controller.ts
Response(32ms)
atividade-10 > prisma-crud-demo > test-api-users.http > POST /users
You, há 20 minutos | 1 author (You)
Create user (Alice)
Send Request
POST http://localhost:3000/users
Content-Type: application/json
{
"name": "Alice Silva",
"email": "alice.silva@example.com",
"age": 28
}
Create user (Bob)
Send Request
POST http://localhost:3000/users
Content-Type: application/json
{
"name": "Bob Souza",
"email": "bob.souza@example.com",
"age": 35
}
List all users
Send Request
GET http://localhost:3000/users
Get one user by id (troque o 1 pelo id real retorna
Send Request
GET http://localhost:3000/users/1
Update user
Send Request
PATCH http://localhost:3000/users/1
Content-Type: application/json
{
HTTP/1.1 201 Created
X-Powered-By: Express
Content-Type: application/json; charset=utf-8
Content-Length: 111
ETag: W/"6f-eGPZGHbM2tWxiiJORe4UQtKP7a0"
Date: Sun, 19 Oct 2025 00:15:58 GMT
Connection: close
{
"id": 6,
"name": "Alice Silva",
"email": "alice.silva@example.com",
"age": 28,
"createdAt": "2025-10-19T00:15:58.074Z"
}
PROBLEMAS
SAÍDA
CONSOLE DE DEPURAÇÃO
TERMINAL
PORTAS
GITLENS
SONARQUBE
2: npm (prisma-crud-d
klsio27@pop-os:/media/klsio27/outher-files/documentos/utfpr/topicos-especiais/atividade-10/prisma-crud-demo$ npm install mermaid
To address all issues (including breaking changes), run:
npm audit fix --force
Run `npm audit` for details.
klsio27@pop-os:/media/klsio27/outher-files/documentos/utfpr/topicos-especiais/atividade-10/prisma-crud-demo$ npx prisma studio
Environment variables loaded from .env
Prisma schema loaded from prisma/schema.prisma
Prisma Studio is up on http://localhost:5555
Prisma schema loaded from prisma/schema.prisma


Untitled-1
test-api-users.http
user.controller.ts
Response(12ms)
atividade-10 > prisma-crud-demo > test-api-users.http > POST /users
You, há 20 minutos | 1 author (You)
Create user (Alice)
Send Request
POST http://localhost:3000/users
Content-Type: application/json
{
"name": "Alice Silva",
"email": "alice.silva@example.com",
"age": 28
}
Create user (Bob)
Send Request
POST http://localhost:3000/users
Content-Type: application/json
{
"name": "Bob Souza",
"email": "bob.souza@example.com",
"age": 35
}
List all users
Send Request
GET http://localhost:3000/users
Get one user by id (troque o 1 pelo id real retorna
Send Request
GET http://localhost:3000/users/1
Update user
Send Request
PATCH http://localhost:3000/users/1
Content-Type: application/json
{
HTTP/1.1 201 Created
X-Powered-By: Express
Content-Type: application/json; charset=utf-8
Content-Length: 107
ETag: W/"6b-JNEvCC1sRlUeODRq0ICRr2f6Tv0"
Date: Sun, 19 Oct 2025 00:16:17 GMT
Connection: close
{
"id": 7,
"name": "Bob Souza",
"email": "bob.souza@example.com",
"age": 35,
"createdAt": "2025-10-19T00:16:17.695Z"
}
PROBLEMAS
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PORTAS
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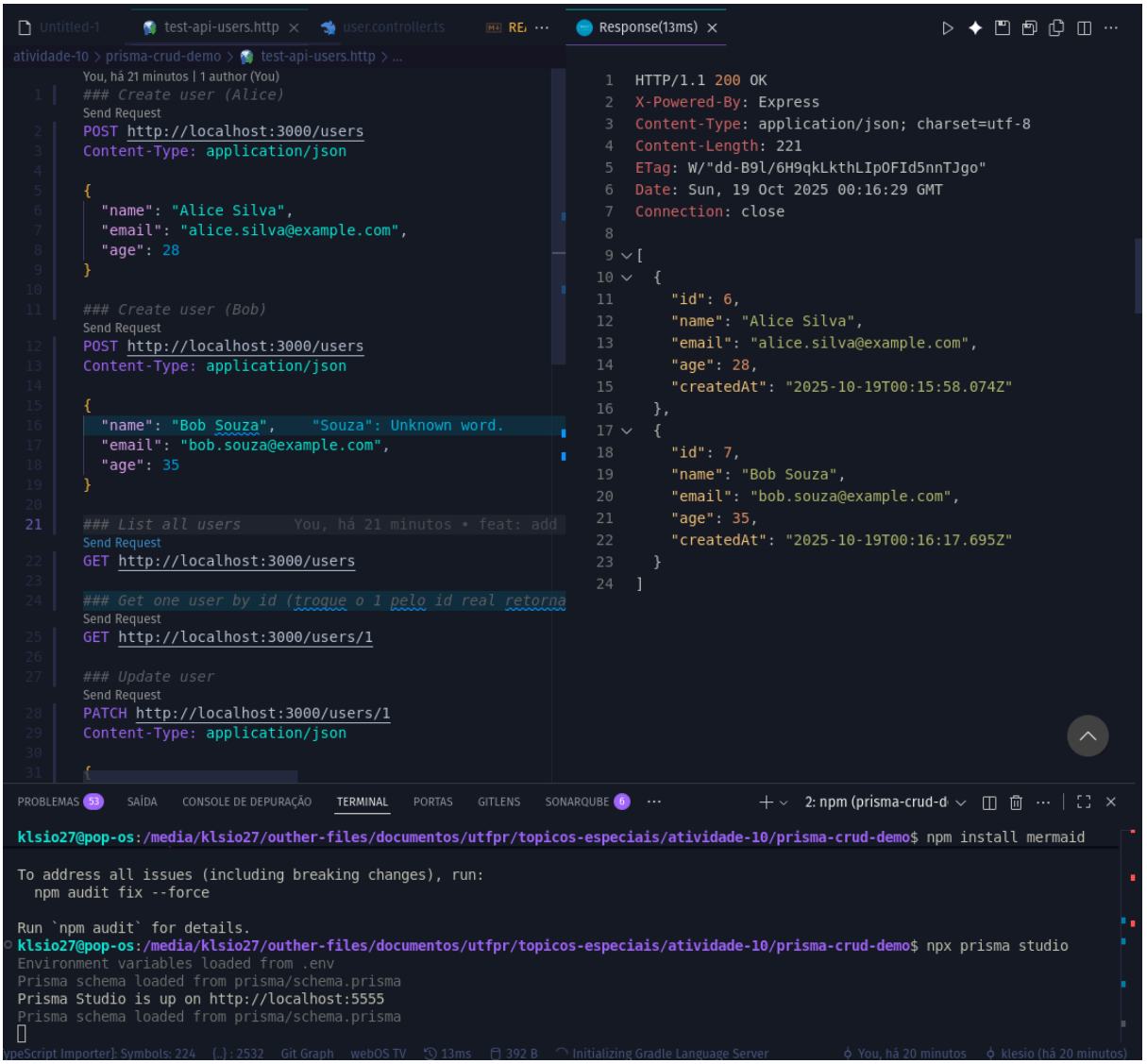
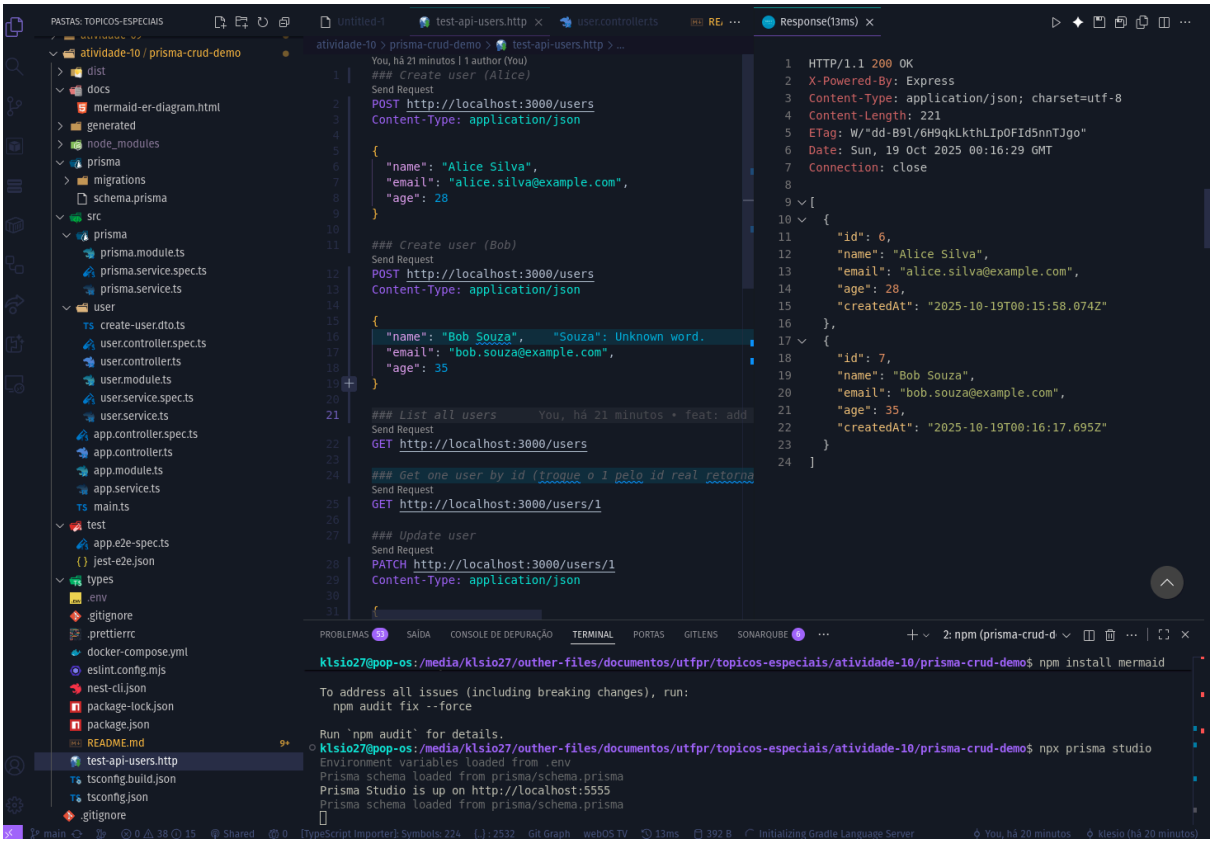
Environment variables loaded from .env
Prisma schema loaded from prisma/schema.prisma
Prisma Studio is up on http://localhost:5555
Prisma schema loaded from prisma/schema.prisma


Untitled-1
test-api-users.http
user.controller.ts
Response(13ms)
atividade-10 > prisma-crud-demo > test-api-users.http > ...
You, há 21 minutos | 1 author (You)
Create user (Alice)
Send Request
POST http://localhost:3000/users
Content-Type: application/json
{
"name": "Alice Silva",
"email": "alice.silva@example.com",
"age": 28
}
Create user (Bob)
Send Request
POST http://localhost:3000/users
Content-Type: application/json
{
"name": "Bob Souza", "Souza": Unknown word.
"email": "bob.souza@example.com",
"age": 35
}
List all users You, há 21 minutos • feat: add
Send Request
GET http://localhost:3000/users
Get one user by id (troque o 1 pelo id real retorna
Send Request
GET http://localhost:3000/users/1
Update user
Send Request
PATCH http://localhost:3000/users/1
Content-Type: application/json
{
HTTP/1.1 200 OK
X-Powered-By: Express
Content-Type: application/json; charset=utf-8
Content-Length: 221
ETag: W/"dd-B9l/6H9qkLkthLIpOFId5nnTJgo"
Date: Sun, 19 Oct 2025 00:16:29 GMT
Connection: close
[
{
"id": 6,
"name": "Alice Silva",
"email": "alice.silva@example.com",
"age": 28,
"createdAt": "2025-10-19T00:15:58.074Z"
},
{
"id": 7,
"name": "Bob Souza",
"email": "bob.souza@example.com",
"age": 35,
"createdAt": "2025-10-19T00:16:17.695Z"
}
]
PROBLEMAS 53
SAÍDA
CONSOLE DE DEPURAÇÃO
TERMINAL
PORTAS
GITLENS
SONARQUBE 6
2: npm (prisma-crud-d
klsio27@pop-os:/media/klsio27/outher-files/documentos/utfpr/topicos-especiais/atividade-10/prisma-crud-demo$ npm install mermaid
To address all issues (including breaking changes), run:
npm audit fix --force
Run `npm audit` for details.
klsio27@pop-os:/media/klsio27/outher-files/documentos/utfpr/topicos-especiais/atividade-10/prisma-crud-demo$ npx prisma studio
Environment variables loaded from .env
Prisma schema loaded from prisma/schema.prisma
Prisma Studio is up on http://localhost:5555
Prisma schema loaded from prisma/schema.prisma
Git Graph
webOS TV
13ms
392 B
Initializing Gradle Language Server
You, há 20 minutos
klesio (há 20 minutos)


PASTAS: TOPICOS-ESPECIAIS
atividade-10 / prisma-crud-demo
test-api-users.http
Response(13ms)
Create user (Alice)
Send Request
POST http://localhost:3000/users
Content-Type: application/json
{
"name": "Alice Silva",
"email": "alice.silva@example.com",
"age": 28
}
Create user (Bob)
Send Request
POST http://localhost:3000/users
Content-Type: application/json
{
"name": "Bob Souza", "Souza": Unknown word.
"email": "bob.souza@example.com",
"age": 35
}
List all users
Send Request
GET http://localhost:3000/users
Get one user by id (trogue o 1 pelo id real retorna
Send Request
GET http://localhost:3000/users/1
Update user
Send Request
PATCH http://localhost:3000/users/1
Content-Type: application/json
HTTP/1.1 200 OK
X-Powered-By: Express
Content-Type: application/json; charset=utf-8
Content-Length: 221
ETag: W/"dd-B9l/6H9qkLkthLIpOFId5nnTJgo"
Date: Sun, 19 Oct 2025 00:16:29 GMT
Connection: close
[
{
"id": 6,
"name": "Alice Silva",
"email": "alice.silva@example.com",
"age": 28,
"createdAt": "2025-10-19T00:15:58.074Z"
},
{
"id": 7,
"name": "Bob Souza",
"email": "bob.souza@example.com",
"age": 35,
"createdAt": "2025-10-19T00:16:17.695Z"
}
]
PROBLEMAS SAÍDA CONSOLE DE DEPURAÇÃO TERMINAL PORTAS GITLENS SONARQUBE
klsio27@pop-os:/media/klsio27/outher-files/documentos/utfpr/topicos-especiais/atividade-10/prisma-crud-demo$ npm install mermaid
To address all issues (including breaking changes), run:
npm audit fix --force
Run `npm audit` for details.
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Environment variables loaded from .env
Prisma schema loaded from prisma/schema.prisma
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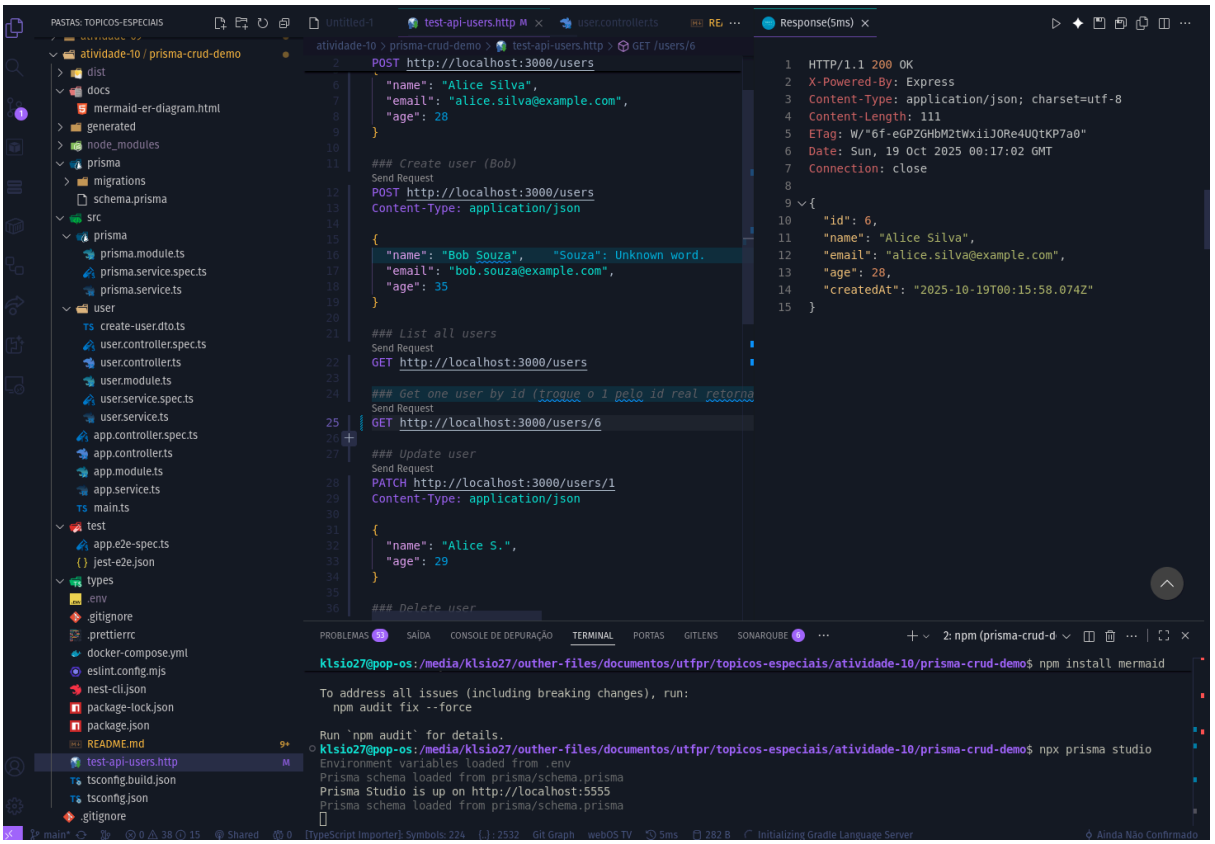
PASTAS: TOPICOS-ESPECIAIS
atividade-10 / prisma-crud-demo
test-api-users.http
Response(5ms)
GET /users/6
POST http://localhost:3000/users
"name": "Alice Silva",
"email": "alice.silva@example.com",
"age": 28
Create user (Bob)
Send Request
POST http://localhost:3000/users
Content-Type: application/json
"name": "Bob Souza", "Souza": Unknown word.
"email": "bob.souza@example.com",
"age": 35
List all users
Send Request
GET http://localhost:3000/users
Get one user by id (trogue o 1 pelo id real retorna
Send Request
GET http://localhost:3000/users/6
Update user
Send Request
PATCH http://localhost:3000/users/1
Content-Type: application/json
"name": "Alice S.",
"age": 29
Delete user
HTTP/1.1 200 OK
X-Powered-By: Express
Content-Type: application/json; charset=utf-8
Content-Length: 111
ETag: W/"6f-eGPZGHbM2tWxiiJORe4UQtKP7a0"
Date: Sun, 19 Oct 2025 00:17:02 GMT
Connection: close
{
"id": 6,
"name": "Alice Silva",
"email": "alice.silva@example.com",
"age": 28,
"createdAt": "2025-10-19T00:15:58.074Z"
}
PROBLEMAS SAÍDA CONSOLE DE DEPURAÇÃO TERMINAL PORTAS GITLENS SONARQUBE
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Run `npm audit` for details.
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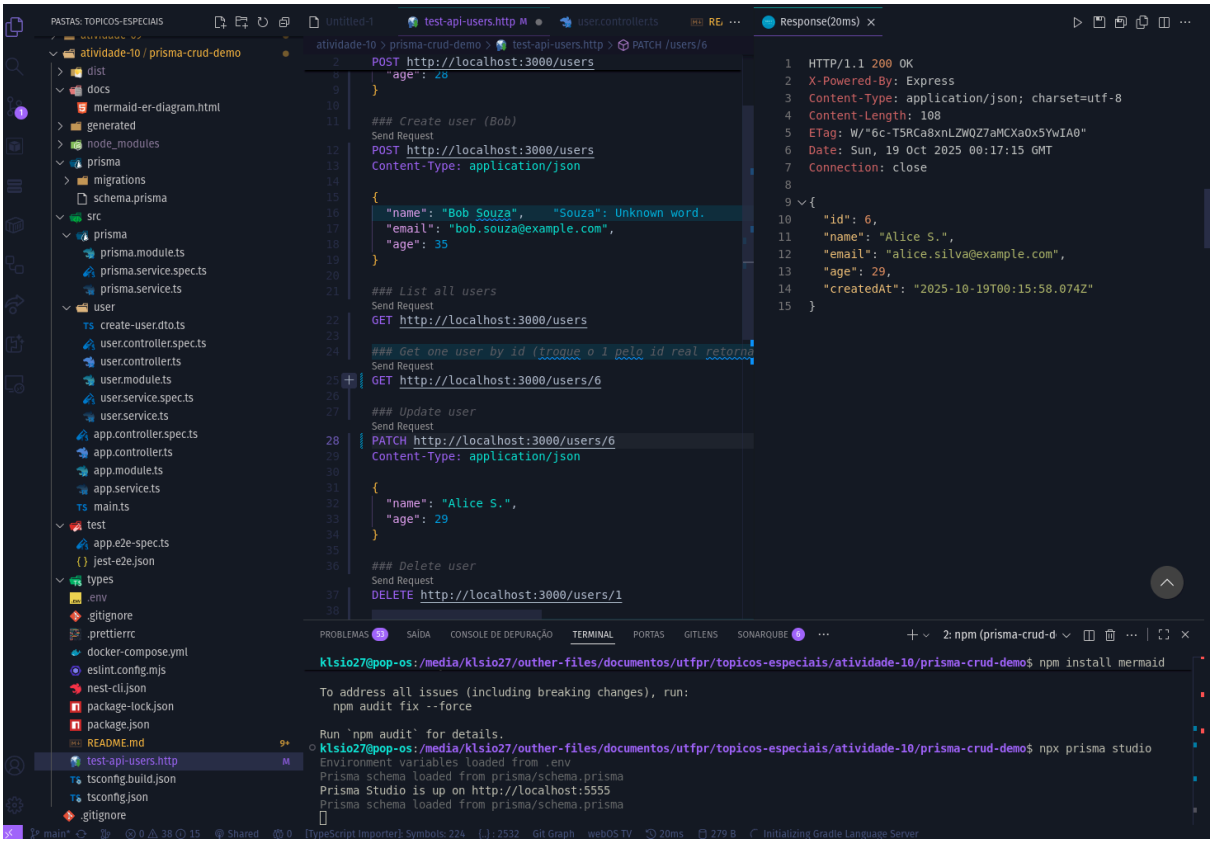
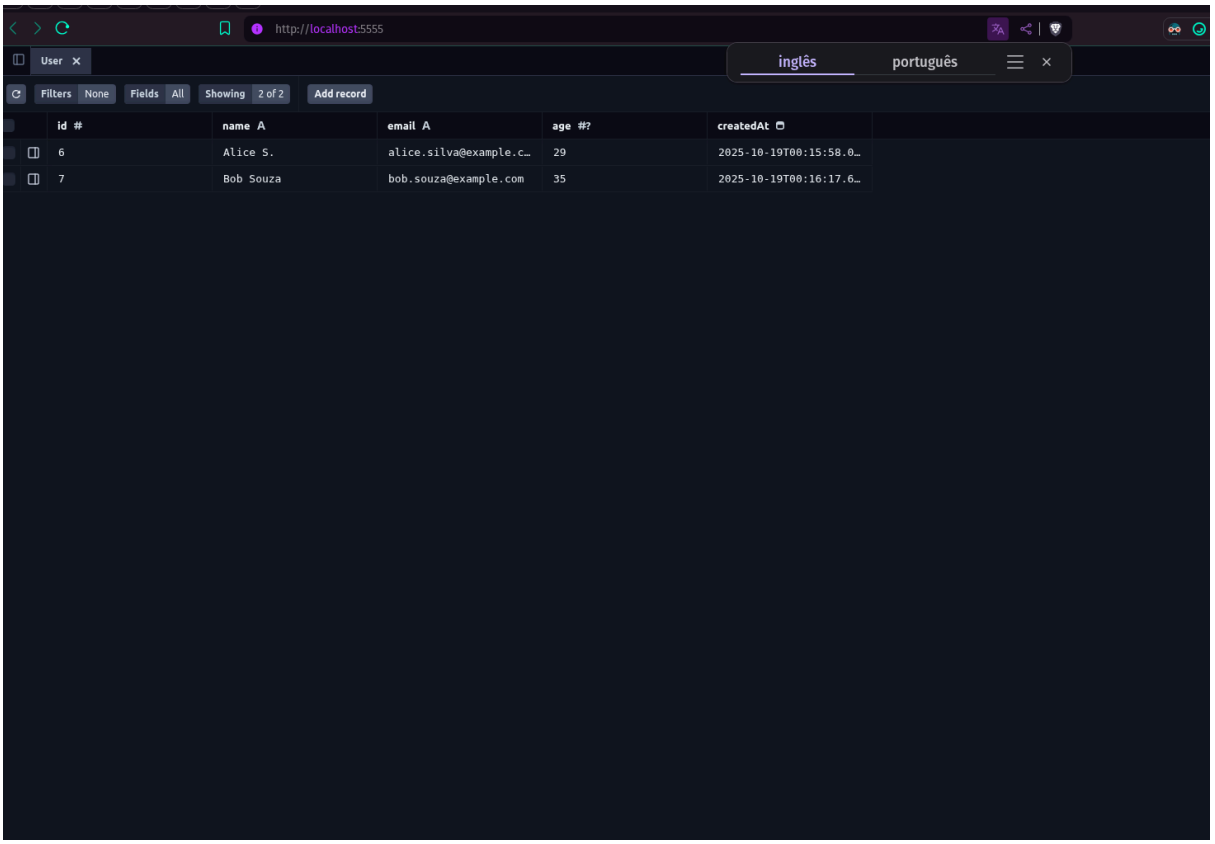
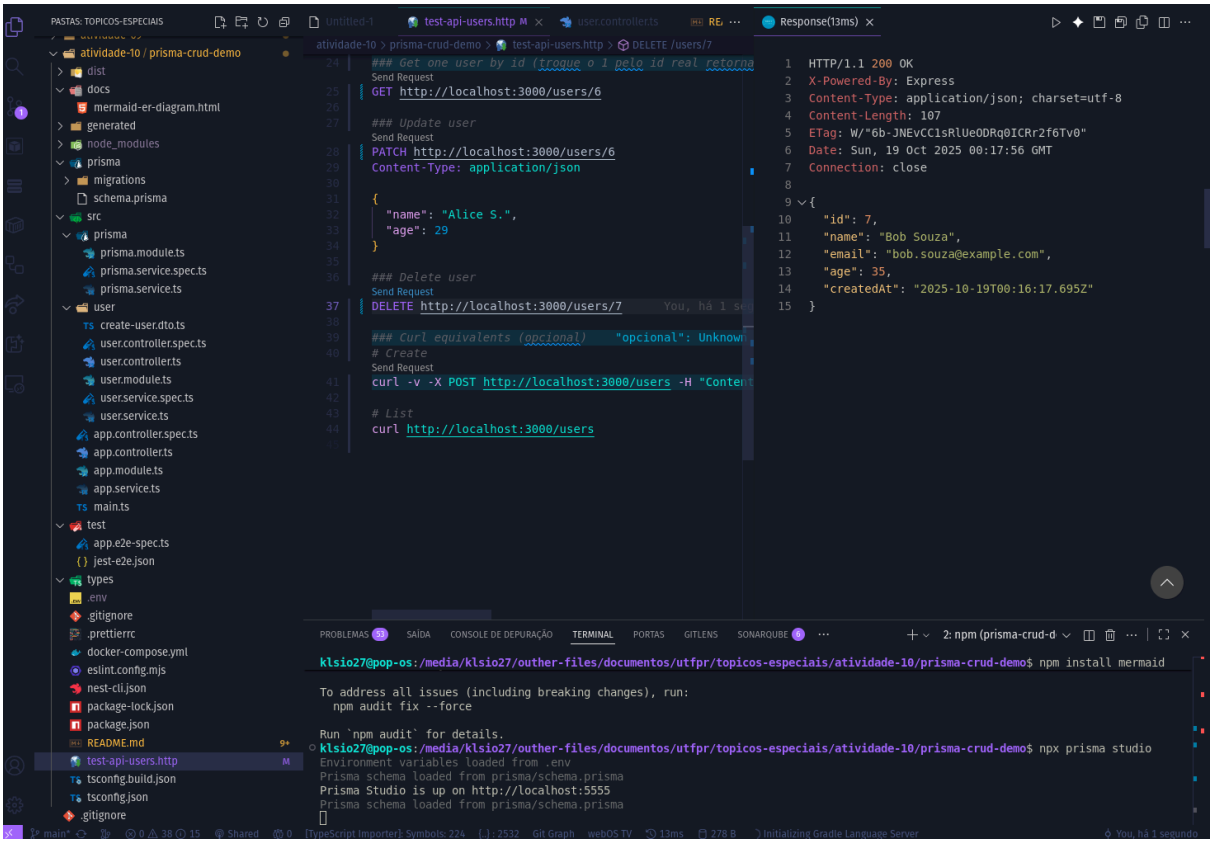
Environment variables loaded from .env
Prisma schema loaded from prisma/schema.prisma
Prisma Studio is up on http://localhost:5555
Prisma schema loaded from prisma/schema.prisma


PASTAS: TOPICOS-ESPECIAIS
atividade-10 / prisma-crud-demo
test-api-users.http
Response(20ms)
POST http://localhost:3000/users
"age": 28
Create user (Bob)
Send Request
POST http://localhost:3000/users
Content-Type: application/json
{
"name": "Bob Souza", "Souza": Unknown word.
"email": "bob.souza@example.com",
"age": 35
}
List all users
Send Request
GET http://localhost:3000/users
Get one user by id (troque o 1 pelo id real retorna
Send Request
GET http://localhost:3000/users/6
Update user
Send Request
PATCH http://localhost:3000/users/6
Content-Type: application/json
{
"name": "Alice S.",
"age": 29
}
Delete user
Send Request
DELETE http://localhost:3000/users/1
HTTP/1.1 200 OK
X-Powered-By: Express
Content-Type: application/json; charset=utf-8
Content-Length: 108
ETag: W/"6c-T5RCa8xnLZWQZ7aMCXaOx5YwIA0"
Date: Sun, 19 Oct 2025 00:17:15 GMT
Connection: close
{
"id": 6,
"name": "Alice S.",
"email": "alice.silva@example.com",
"age": 29,
"createdAt": "2025-10-19T00:15:58.074Z"
}
TERMINAL
klsio27@pop-os:/media/klsio27/outher-files/documentos/utfpr/topicos-especiais/atividade-10/prisma-crud-demo$ npm install mermaid
To address all issues (including breaking changes), run:
npm audit fix --force
Run `npm audit` for details.
klsio27@pop-os:/media/klsio27/outher-files/documentos/utfpr/topicos-especiais/atividade-10/prisma-crud-demo$ npx prisma studio
Environment variables loaded from .env
Prisma schema loaded from prisma/schema.prisma
Prisma Studio is up on http://localhost:5555
Prisma schema loaded from prisma/schema.prisma


http://localhost:5555
User
inglês
português
Filters None
Fields All
Showing 2 of 2
Add record
id #
name A
email A
age #?
createdAt
6
Alice S.
alice.silva@example.c…
29
2025-10-19T00:15:58.0…
7
Bob Souza
bob.souza@example.com
35
2025-10-19T00:16:17.6…


PASTAS: TOPICOS-ESPECIAIS
atividade-10 / prisma-crud-demo
test-api-users.http
Response(13ms)
Get one user by id (troque o 1 pelo id real retorna
GET http://localhost:3000/users/6
Update user
PATCH http://localhost:3000/users/6
Content-Type: application/json
{
"name": "Alice S.",
"age": 29
}
Delete user
DELETE http://localhost:3000/users/7
Curl equivalents (opcional)
Create
curl -v -X POST http://localhost:3000/users
List
curl http://localhost:3000/users
HTTP/1.1 200 OK
X-Powered-By: Express
Content-Type: application/json; charset=utf-8
Content-Length: 107
ETag: W/"6b-JNEvCC1sRlUeODRq0ICRr2f6Tv0"
Date: Sun, 19 Oct 2025 00:17:56 GMT
Connection: close
{
"id": 7,
"name": "Bob Souza",
"email": "bob.souza@example.com",
"age": 35,
"createdAt": "2025-10-19T00:16:17.695Z"
}
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Environment variables loaded from .env
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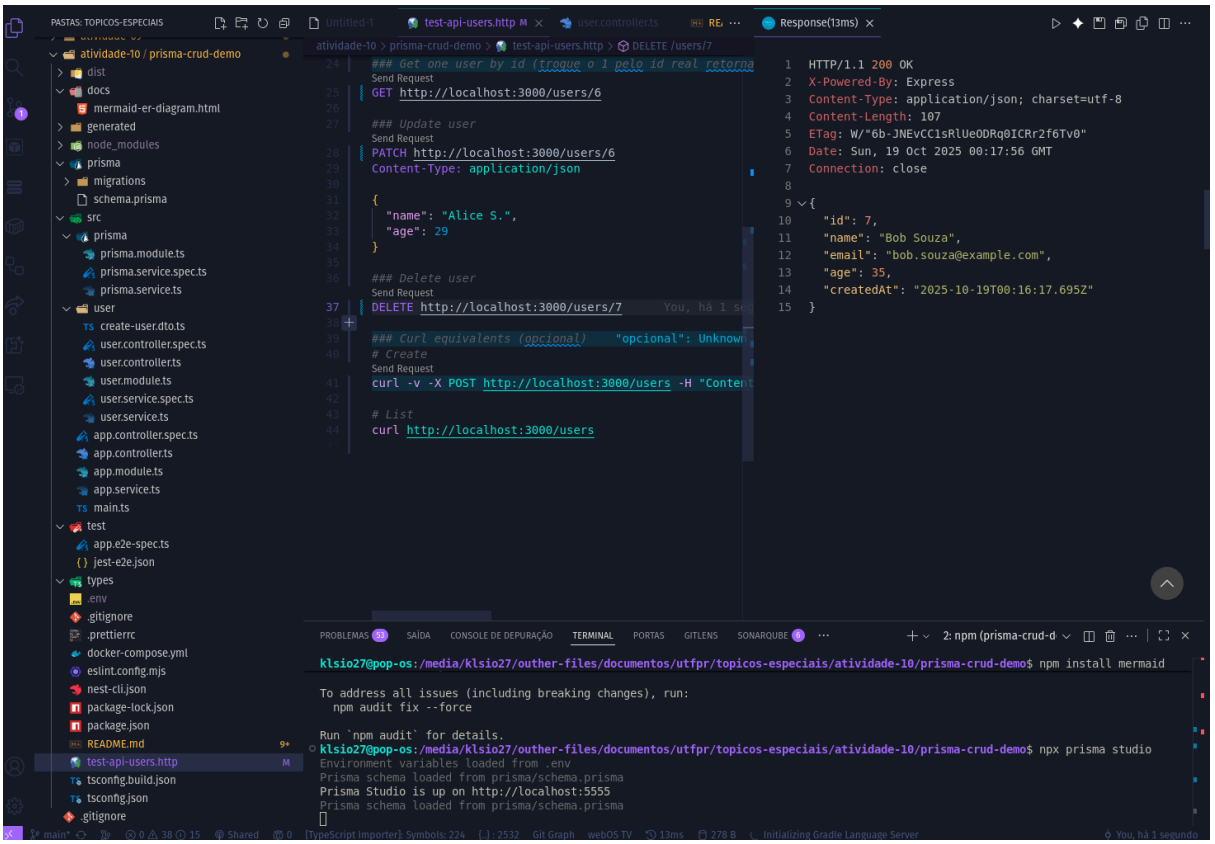
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test-api-users.http
Response(13ms)
Get one user by id (troque o 1 pelo id real retorna
GET http://localhost:3000/users/6
Update user
PATCH http://localhost:3000/users/6
Content-Type: application/json
{
"name": "Alice S.",
"age": 29
}
Delete user
DELETE http://localhost:3000/users/7
Curl equivalents (opcional)
Create
curl -v -X POST http://localhost:3000/users
List
curl http://localhost:3000/users
HTTP/1.1 200 OK
X-Powered-By: Express
Content-Type: application/json; charset=utf-8
Content-Length: 107
ETag: W/"6b-JNEvCC1sRlUeODRq0ICRr2f6Tv0"
Date: Sun, 19 Oct 2025 00:17:56 GMT
Connection: close
{
"id": 7,
"name": "Bob Souza",
"email": "bob.souza@example.com",
"age": 35,
"createdAt": "2025-10-19T00:16:17.695Z"
}
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Environment variables loaded from .env
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Prisma Studio is up on http://localhost:5555
Prisma schema loaded from prisma/schema.prisma

2️⃣ Descrição Breve de Cada Teste

Teste: Criando um Usuário (`POST /users`)

- **Objetivo:** Testar a criação de um novo usuário no sistema
- **Entrada:** `{ "name": "João", "email": "joao@example.com", "age": 25 }`
- **Saída:** `{ "id": 1, "name": "João", "email": "joao@example.com", "age": 25, "createdAt": "..." }`
- **Resultado:** Sucesso, código `201 Created`

Teste: Listando Usuários (`GET /users`)

- **Objetivo:** Recuperar a lista de usuários cadastrados
- **Entrada:** Nenhuma (requisição GET simples)
- **Saída:** `[{ "id": 1, "name": "João", "email": "joao@example.com", "age": 25, "createdAt": "..." }, ...]`
- **Resultado:** Sucesso, código `200 OK`

Teste: Obtendo Usuário por ID (`GET /users/:id`)

- **Objetivo:** Recuperar um usuário específico pelo seu ID
- **Entrada:** `GET /users/1`
- **Saída:** `{ "id": 1, "name": "João", "email": "joao@example.com", "age": 25, "createdAt": "..." }`
- **Resultado:** Sucesso, código `200 OK`; se não encontrado, `404 Not Found`

Teste: Atualizando Usuário (`PATCH /users/:id`)

- **Objetivo:** Atualizar campos do usuário (nome ou idade)
- **Entrada:** `PATCH /users/1` com body `{ "name": "João S.", "age": 26 }`
- **Saída:** `{ "id": 1, "name": "João S.", "email": "joao@example.com", "age": 26, "createdAt": "..." }`
- **Resultado:** Sucesso, código `200 OK`; se ID não existir, `404 Not Found`

Teste: Deletando Usuário (`DELETE /users/:id`)

- **Objetivo:** Remover o usuário do sistema
- **Entrada:** `DELETE /users/1`
- **Saída:** `{ "id": 1, "name": "João", "email": "joao@example.com", "age": 25, "createdAt": "..." }` (ou objeto de confirmação)

- **Resultado:** Sucesso, código `200 OK` ou `204 No Content`

Link tarefa github:

://github.com/klsio22/topicos-especiais/tree/main/atividade-10