

Challenge #01

Description

A client hired Compass to build a new microservice for its veterinary franchise. This microservice will be used by all the clinics they own for internal client and attendances management.

So, you have this new mission, to build the POC foundations of this brand new microservice, so the sales and management team can have the primary technical view of the needs that the client has.

Features

Create a REST API following the requested patterns:

- GET /tutors -> Retrieves all tutors.
- POST /tutor -> Create a new tutor.
- PUT /tutor/:id -> Updates a tutor.
- DELETE /tutor/:id -> Deletes a tutor.
- POST /pet/:tutorId -> Creates a pet and adds it to a tutor.
- PUT /pet/:petId/tutor/:tutorId -> updates a pet's info
- DELETE /pet/:petId/tutor/:tutorId -> deletes a pet from a tutor.

Mandatory Requirements

- Readability
- Private repository
- Small commits
- Commit pattern
- TypeScript
- Express
- Readme.md
- Explanation of how to run locally
- Share the repository's access with the class monitors for evaluation

Optional Requirements (non-obligatory)

- Eslint
- Prettier
- Testing (chai/mocha, jest/supertest)
- Swagger

Routes

GET Routes

Get all tutors: /tutors Example response

```
[
  {
    id: 1,
    name: "Jonh Doe",
    phone: "85989323895",
    email: "jose.abreu@compasso.com",
    date_of_birth: "1993-12-12 10:10",
    zip_code: "61760000",
    pets: [
      {
        id: 1,
        name: "Lilo",
        species: "dog",
        carry: "p",
        weight: 5,
        date_of_birth: "1993-12-12 10:10"
      }
    ]
  }
]
```

POST Routes

/tutor Example request body (all items required):

```
{
  id: 1,
  name: "Jonas",
  phone: "85989323895",
  email: "jonas@paidepet.com",
  date_of_birth: "1993-12-12 10:10",
  zip_code: "61760000"
}
```

/pet/:tutorId Example request body (all items required):

```
{
  id: 1,
  name: "Lilo",
  species: "dog",
  carry: "p",
  weight: 5,
  date_of_birth: "1993-12-12 10:10",
}
```

PUT Routes

/tutor/:id Example request body (all items required):

```
{
  id: 1,
  name: "hallex",
  phone: "85989323895",
  email: "jose.abreu@compasso.com",
  date_of_birth: "1993-12-12 10:10",
  zip_code: "61760000"
}
```

/pet/:petId/tutor/:tutorId request body (all items required):

```
{
  id: 1,
  name: "Lilo",
  species: "dog",
  carry: "p",
  weight: 5,
  date_of_birth: "1993-12-12 10:10",
}
```

DELETE Routes:

/tutor/:id

status code 200

/pet/:petId/tutor/:tutorId

status code 200