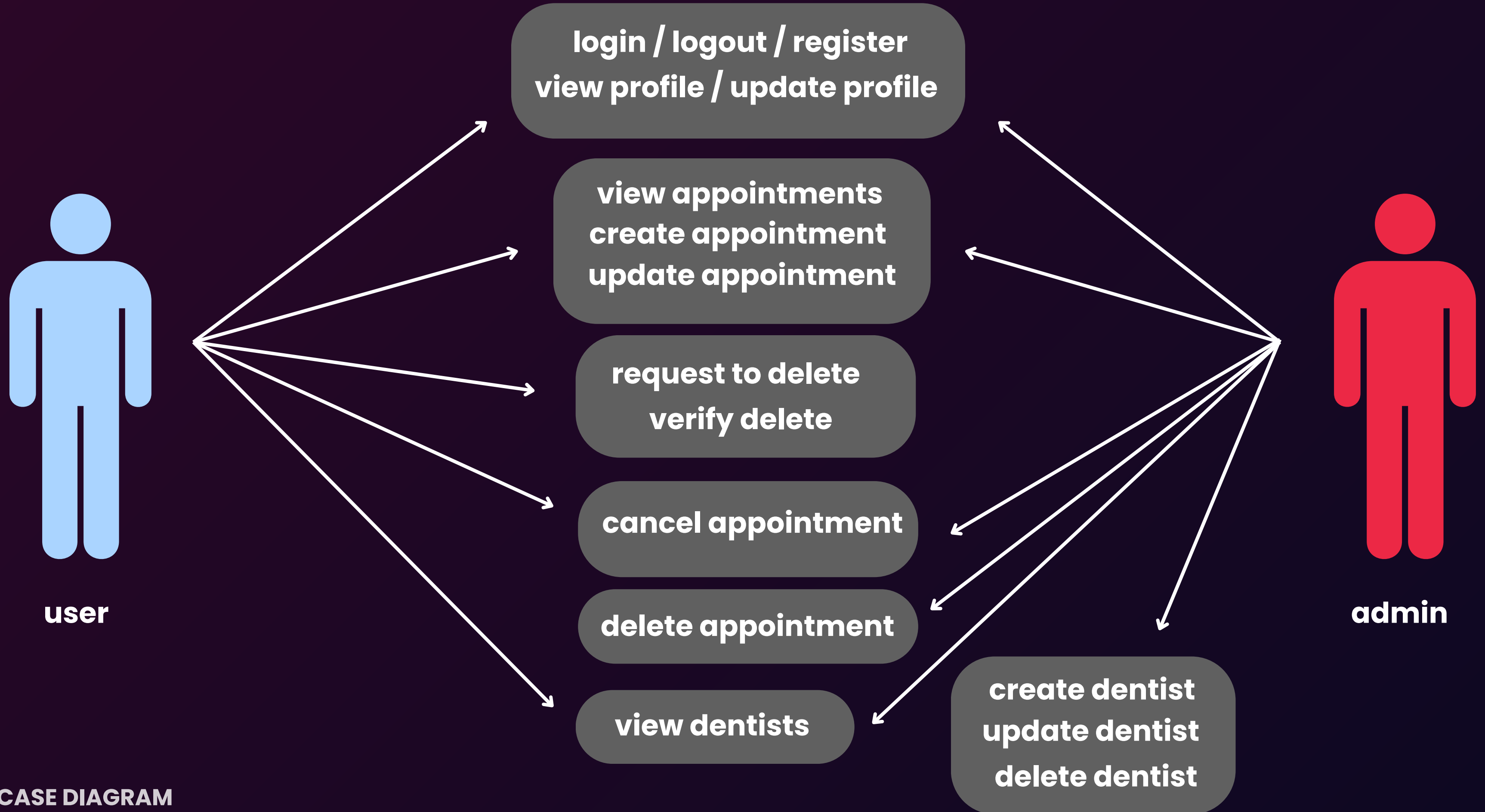


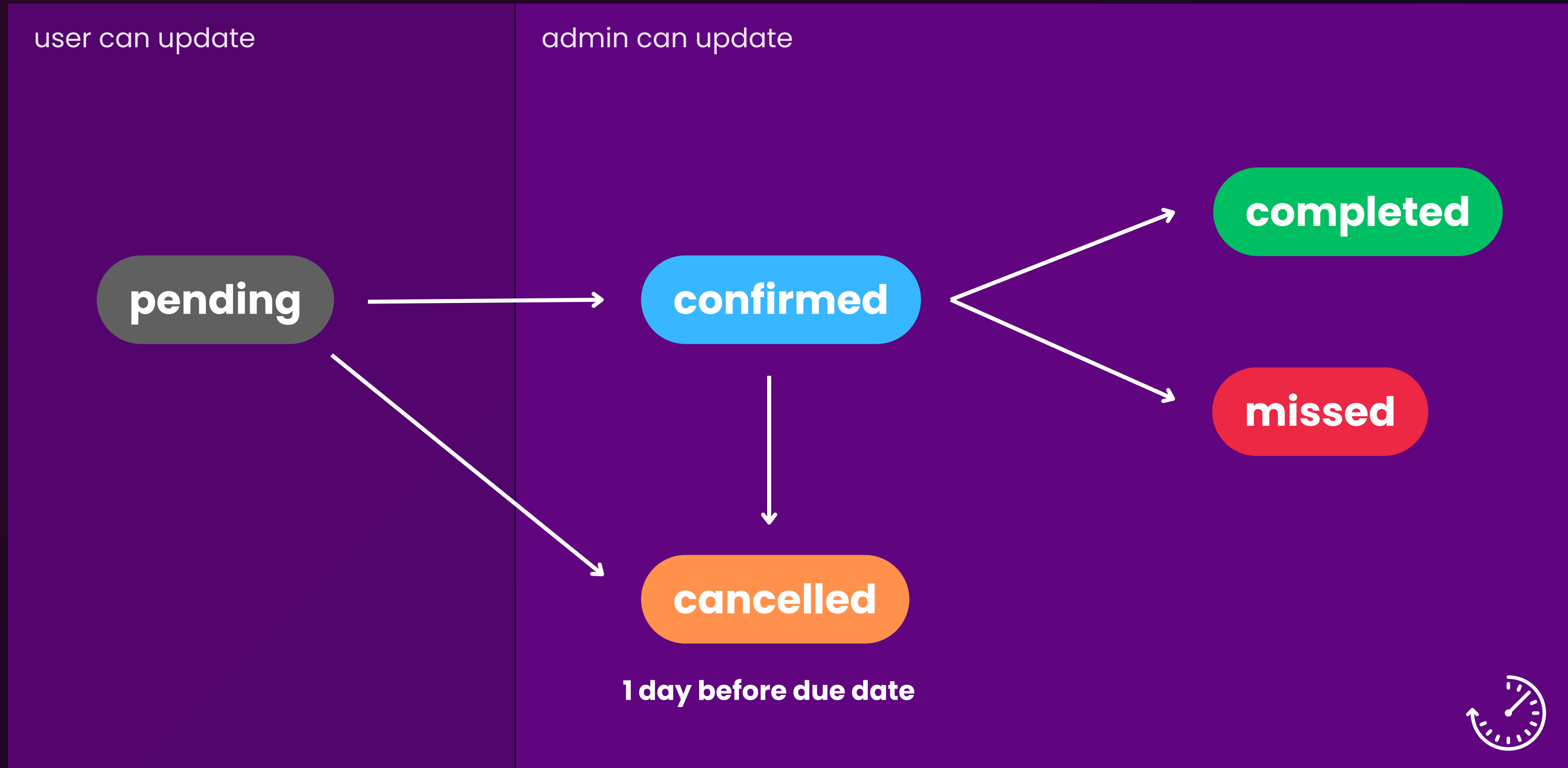
# Dentist Booking

[HTTP://LOCALHOST:4000](http://localhost:4000)





# Appointment Status



# NestJS

---

**TypeScript**

**Modular Architecture**

**Scalable & Maintainable**



# 5 services

01

**App**

02

**Auth**

03

**User**

04

**Dentists**

05

**Appointments**

▼ src

> appointments

> auth

> dentists

> user

TS app.controller.ts

TS app.module.ts

TS app.service.ts

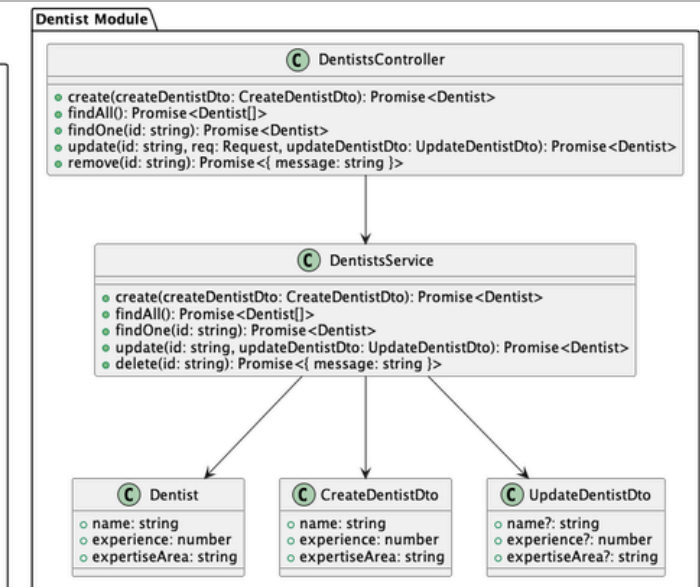
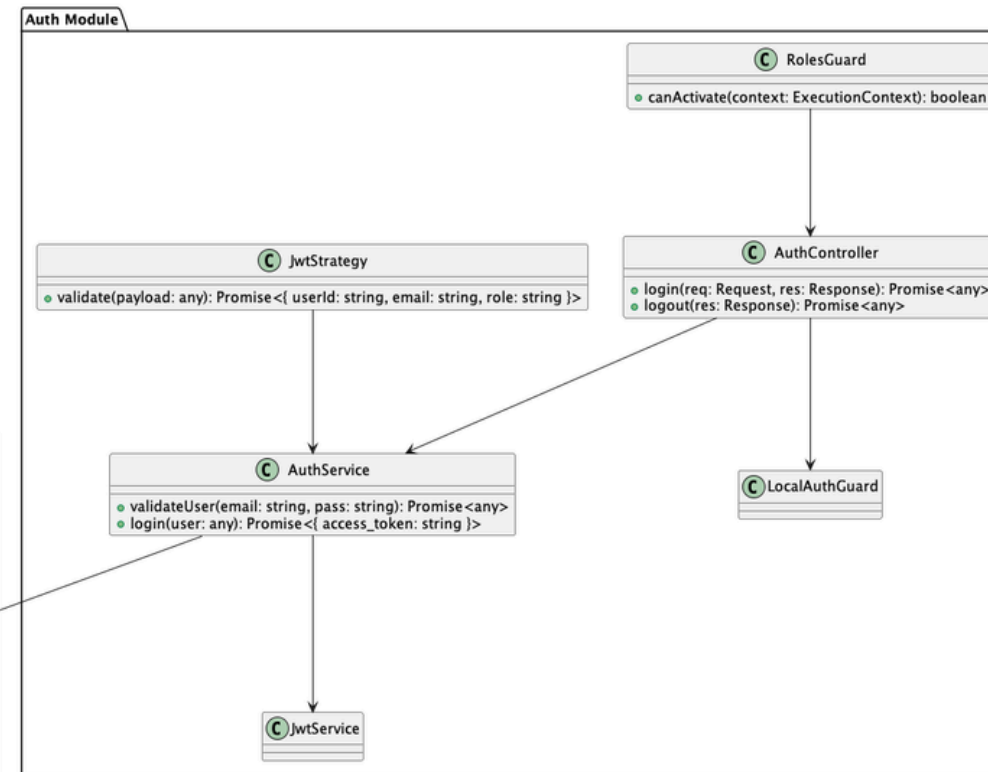
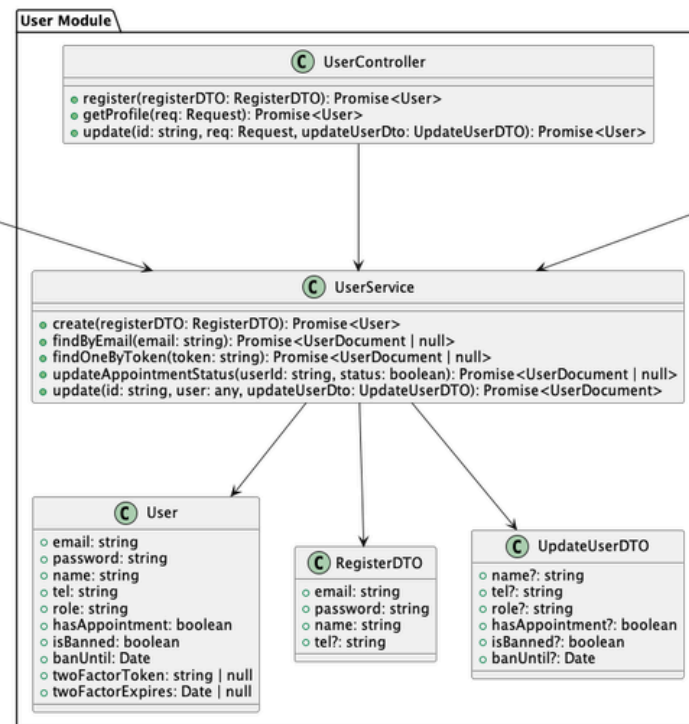
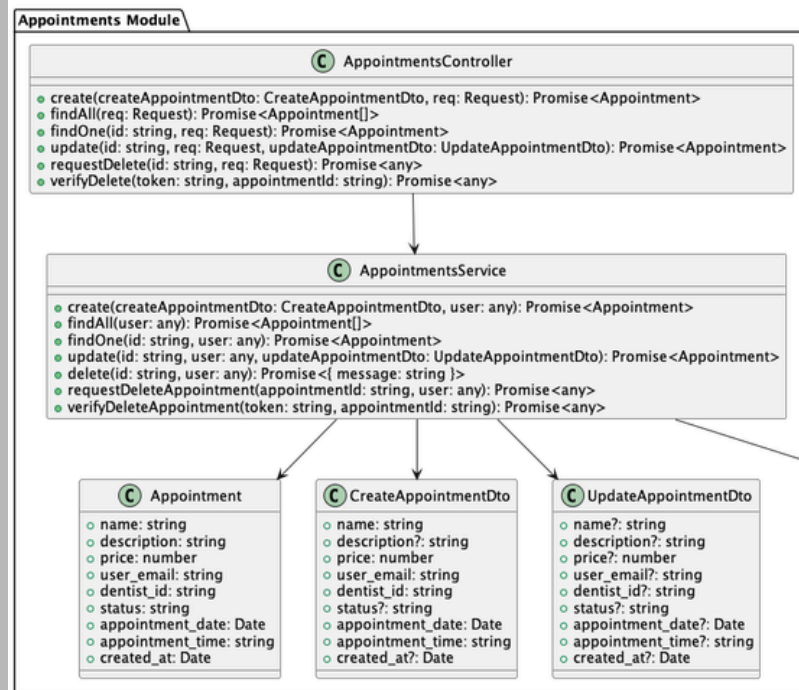
TS main.ts

# Postman Runner



# Class Diagram

## Appointment

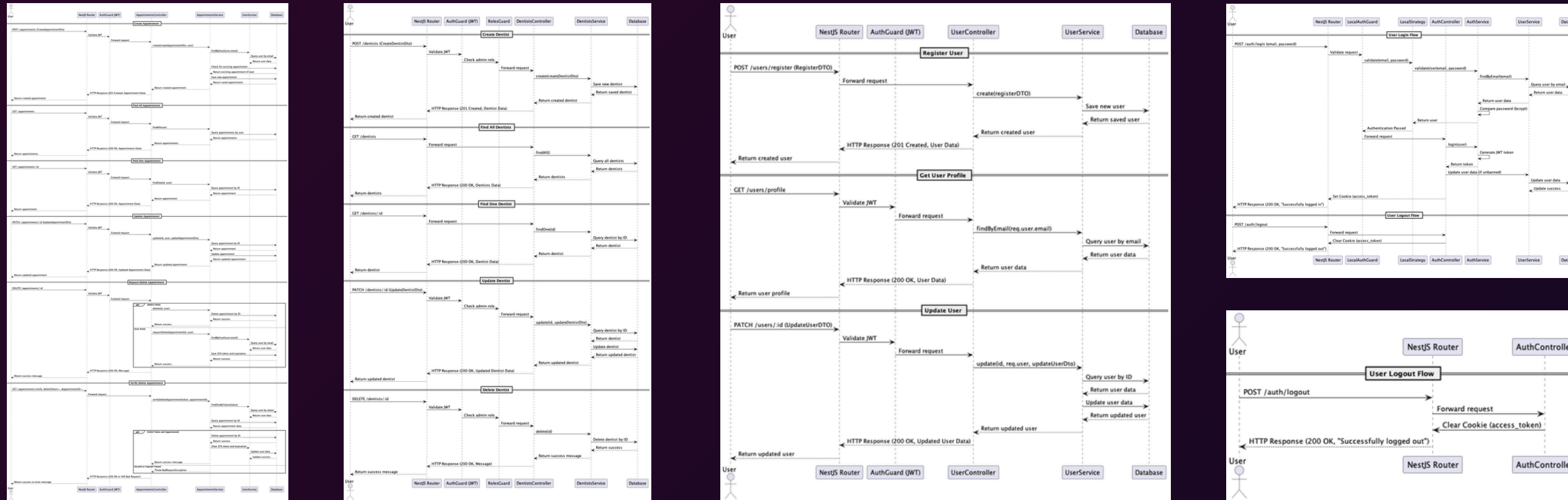


## Dentist

## Auth

## User

# Sequence Diagram



User : [https://drive.google.com/file/d/1gHPTv1hc2dVRTQA-JFUDEbBK\\_s9haEOB/view?usp=sharing](https://drive.google.com/file/d/1gHPTv1hc2dVRTQA-JFUDEbBK_s9haEOB/view?usp=sharing)

Appointment : <https://drive.google.com/file/d/16o8WR4NG6L2-PwuLcxSrr5FW7Sob7YTb/view?usp=sharing>

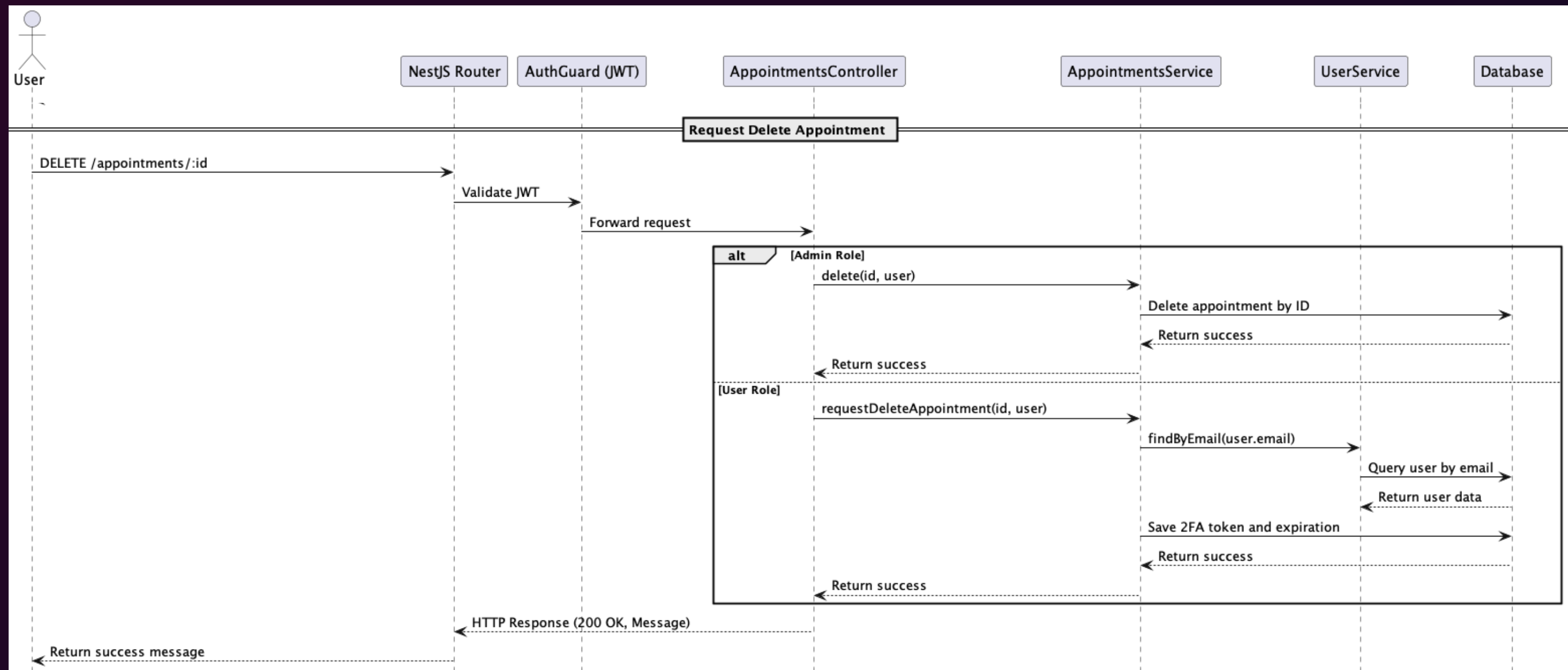
Dentist : [https://drive.google.com/file/d/1HCqij3CXXO7b4OuYZCGJTTu3SVEEEsWW/view?usp=drive\\_link](https://drive.google.com/file/d/1HCqij3CXXO7b4OuYZCGJTTu3SVEEEsWW/view?usp=drive_link)

Login : <https://drive.google.com/file/d/15P1K7OTcvTa065xsab6coG8hVQ0VkrRsQ/view?usp=sharing>

Logout : [https://drive.google.com/file/d/1FxcI6N0fFIZFuMJPsqiFI\\_3RDTt5Lag7/view?usp=drive\\_link](https://drive.google.com/file/d/1FxcI6N0fFIZFuMJPsqiFI_3RDTt5Lag7/view?usp=drive_link)




# Sequence Diagram



Appointment : <https://drive.google.com/file/d/16o8WR4NG6L2-PwuLcxSrr5FW7Sob7YTb/view?usp=sharing>

# Extra credits



MingPV

1/2/2568 BE, 15:09

Group: Tendo ไทยยู

- The system shall include two-factor authentication (2FA) to enhance security for sensitive actions, such as logging in or editing a booking.
- The system shall send a confirmation email to the registered user after a successful booking.
- If a user misses 3 appointments within 6 months without canceling at least 1 day in advance, their account will be temporarily locked from booking for 30 days. After this period, booking will be available again as usual.

## User data (after banned)

GETlocalhost:4000/users/profileSend

ParamsAuthorizationHeaders (7)BodyScriptsSettingsCookies

BodyCookies (1)Headers (7)Test Results200 OK6 ms550 BSave Response

JSONPreviewVisualize

```
1 {
2   "_id": "67fcde52ea3129733dbf7def",
3   "email": "user1@gmail.com",
4   "password": "$2b$10$Bjc94v1KaQhaMIn0NtSiC./mMIY0S6DtMTyL1G9ubvASDk1C1y0Na",
5   "name": "user1",
6   "tel": "0888888888",
7   "role": "user",
8   "hasAppointment": false,
9   "twoFactorToken": null,
10  "twoFactorExpires": null,
11  "__v": 0,
12  "banUntil": "2025-05-14T10:10:01.873Z",
13  "isBanned": true
14 }
```

## Delete verification

Appointment Deletion VerificationInbox x

softwarepracticebackend@gmail.com

to me

Sat, Mar 22, 10:33 PM

☆😊↩⋮

Click the link below to verify your appointment deletion:

<http://localhost:4000/appointments/verify-delete?token=54dd7e1b-17da-48b5-aaf2-742e3cf200e2&appointmentId=67ded3f33c9b4242d5d9a01d>

This link expires in 10 minutes.

## Appointment confirmation

Your Appointment Has Been Confirmed!Inbox x

softwarepracticebackend@gmail.com

to me

Sat, Mar 22, 10:56 PM

☆😊↩⋮

We are pleased to inform you that your appointment has been confirmed!

Please ensure to arrive on time for your appointment. If you need to reschedule or have any questions, feel free to contact us.

[doctor.stone@gmail.com](mailto:doctor.stone@gmail.com)

088xxx8888

↩ Reply

➡ Forward

😊

## Response when user try to create new appointment.

POSTlocalhost:4000/appointmentsSend

ParamsAuthorizationHeaders (9)BodyScriptsSettingsCookies

BodyCookies (1)Headers (7)Test Results404 Not Found23 ms449 BSave Response

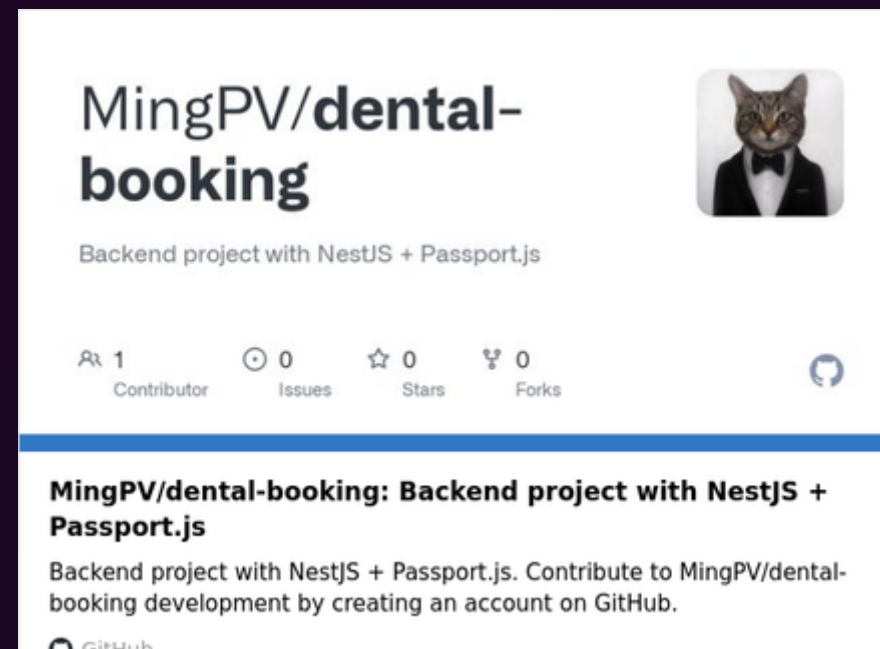
JSONPreviewVisualize

```
1 {
2   "message": "Your account is locked because you miss 3 appointments in last 6 month. Your account will be unlocked at Wed",
3   "error": "Not Found",
4   "statusCode": 404
5 }
```

# Additional requirements videos

<https://www.youtube.com/watch?v=vF0pUdfo2aA>

## Github



<https://github.com/MingPV/dental-booking>