

Link til github med api:

[Github link](#)

API Url: <https://localhost:7092>

Se nederst i dokumentationen for at se hvordan JWT skal laves, brug www.jwt.io
Alt returneres i JSON-format

eksempler på track navne der findes i db:

test0

test1

test2

test3

test4

test5

til test af forkert bruger:

testforkertrolle

Exercise endpoints:

Eksempel på retur format:

Response body

```
[
  {
    "id": {
      "timestamp": 1714072054,
      "machine": 13370419,
      "pid": 26819,
      "increment": 3784948,
      "creationTime": "2024-04-25T19:07:34Z"
    },
    "name": "Øvelse4",
    "class": "begynder",
    "url": "/Images/4.png"
  },
  {
    "id": {
      "timestamp": 1714072054,
      "machine": 13370419,
      "pid": 26819,
      "increment": 3784947,
      "creationTime": "2024-04-25T19:07:34Z"
    },
    "name": "Øvelse3",
    "class": "begynder",
    "url": "/Images/3.png"
  },
  {
    "id": {
      "timestamp": 1714072054,
```

GET /exercise

Parametre:

ingen

Returnerer alle exercises fra databasen

Track endpoints:

Eksempel på retur format:

Response body

```
{
  "id": {
    "timestamp": 1716046515,
    "machine": 3481226,
    "pid": 18644,
    "increment": 9928315,
    "creationTime": "2024-05-18T15:35:15Z"
  },
  "name": "test1",
  "theme": "Test Bane",
  "location": "Danmark",
  "date": "2024-05-18T15:35:15.996Z",
  "userClaims": [
    "Bob"
  ],
  "roleClaims": [
    "Instructor"
  ],
  "nodes": [
    {
      "url": "https://localhost:7259/Images/Start.png",
      "x": 1140.40625,
      "y": 101,
      "rotation": 0,
      "stroke": "black",
      "className": "Image"
    },
    {
      "url": "https://localhost:7259/Images/3.png",

```

Response headers

GET /track/findone

parametre:

name: navnet på banen

Authorization:

Kræver en JSON Web Token medsendt i authorization headeren.

Returnerer et track object med samme navn

ved fejl status kode 400

GET /track/findmany

parametre:

ingen

Authorization:

Kræver en JSON Web Token medsendt i authorization headeren.

Returnerer alle tracks som brugeren har adgang til
ved fejl status kode 400

POST /track

Parametre:

Ingen, men et track object sendes med i request body

Authorization:

Kræver en JSON Web Token medsendt i authorization headeren.

Returnerer det indsatte objekt fra db
ved fejl status kode 400

PUT /track

Parametre:

Ingen, men et track object der er ændret sendes med i request body

Authorization:

Kræver en JSON Web Token medsendt i authorization headeren.

Returnerer det ændrede objekt fra db
ved fejl status kode 400

DELETE /track

Parametre:

Ingen, men et track object der ønskes slettet sendes med i request body

Authorization:

Kræver en JSON Web Token medsendt i authorization headeren.

Returnerer status code 200 hvis success
ved fejl status kode 400.

Encoded

PASTE A TOKEN HERE

eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJVc2VybmFtZSI6IkpvYyIsIlVzZXJSb2x1IjoiaS5zdHJ1Y3Rvcj9.5pk5Jh7s5TFd271Z5b1bQaNixnhAlq7txxFraiTpGUc

Decoded

EDIT THE PAYLOAD AND SECRET

HEADER: ALGORITHM & TOKEN TYPE

```
{
  "alg": "HS256",
  "typ": "JWT"
}
```

PAYLOAD: DATA

```
{
  "UserName": "Bob",
  "UserRole": "Instructor"
}
```

VERIFY SIGNATURE

```
HMACSHA256(
  base64UrlEncode(header) + "." +
  base64UrlEncode(payload),
  team15
) ☐ secret base64 encoded
```

✓ Signature Verified

SHARE JWT

GET https://localhost:7092/track/findone?name=test0

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Headers 6 hidden

Key	Value
<input checked="" type="checkbox"/> Authorization	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJVc2VybmFtZSI6IkpvYyIsIlVzZXJSb2x1IjoiaS5zdHJ1Y3Rvcj9.5pk5Jh7s5TFd271Z5b1bQaNixnhAlq7txxFraiTpGUc
<input type="checkbox"/> Authorization	
Key	Value