Especificações do trabalho 2 de Engineering Software

Entrar

```
// POST /authenticate
// payload
{
   username: string,
   password: string
}
// response
{
   token: string,
   account: {
           id: string,
           username: string,
           name: string,
           bio: string,
           role: ALUNO | TREINADOR | INFLUENCER,
   }
}
```

Criar conta

```
// POST /auth/create
{
        username: string,
        name: string,
        bio: string,
        password: string,
        confirmPassword: string,
        role: ALUNO | TREINADOR | INFLUENCER
}

// response
{
   id: string,
   username: string,
   name: string,
   bio: string,
   role: ALUNO | TREINADOR | INFLUENCER
}
```

Gerir treinos

GET

```
// Autenticação via token, passado pelo cabeçalho
// validações: não ser do ROLE ALUNO
// GET /trainings
[
        {
                id: string,
                name: string,
                description: string,
        }
]
```

GET por ID

```
// GET /trainings/{id}
{
        id: string,
        title: string,
        description: string,
        exercises: [{
                id: string,
                name: string,
                description: string,
                sets: [number] // repetições de cada série
        }]
}
```

GET busca por título

```
// GET /trainings/?q=
{
        id: string,
        title: string,
        author: string, // username
        series: [number]
}
```

POST

```
// Autenticação via token, passado pelo cabeçalho
// validações: não ser do ROLE ALUNO
// POST /trainings
{
        name: string,
        description: string,
        exercises: [{
                name: string,
                description: string,
                sets: [number]
        }]
}
// response
{
        id: string,
        name: string,
        description: string,
        exercises: [{
                name: string,
                description: string,
                sets: [number]
        }]
}
```

PUT

```
// Autenticação via token, passado pelo cabeçalho
// validações: não ser do ROLE ALUNO
// PUT /trainings/{id}
{
        name: string,
        description: string,
        exercises: [{
                name: string,
                description: string,
                sets: [number]
        }]
}
// response
{
        id: string,
        name: string,
        description: string,
        exercises: [{
                name: string,
                description: string,
                sets: [number]
        }]
}
```

DELETE

```
// DELETE /trainings/{id}
na
// response
{
        id: string,
        name: string,
        description: string,
        exercises: [{
                name: string,
                description: string,
                sets: [number]
        }]
}
```

Gestão de alunos

GET

```
// GET /clients
[{
        id: string,
        name: string,
        bio: string
}]
```

GET /progress

```
// GET /clients/{id}/progress
[{
        exercise: {
                name: string,
                graph: {
                        type: BAR | LINE,
                        series: [{
                                x: number,
                                y: number,
                        }]
                }
        }
}]
```

Desafios

GET

```
// GET /challenges
[{
        id: string,
        title: string,
        state: SUBSCRIBED | UNSUBSCRIBED | DONE
}]
```

POST inscrever

```
// POST /challenges/{id}/subscription
na
```

```
// DELETE /challenges/{id}/subscription
na
```

Playlists (treinos do aluno)

GET

```
// GET /playlists
[{
        id: string,
        title: string
}]
```

POST

```
// POST /playlists
{
        title: string,
        trainings: [string] // ids dos trainings
}
```

GET detalhes

```
// GET /playlists/{id}
{
        id: string,
        title: string,
        trainings: [string] // training ids
}
```

POST training-session

```
// POST /playlists/{id}/training-session
{
        exercises: [{
                title: string,
                sets: [{
                        repetition: number,
                        weight: number,
                }]
        }]
}
```

DELETE

```
// DELETE /playlists/{id}
{
        id: string,
        title: string,
        trainings: [string] // training ids
}
```

Notificações

GET

```
[string]
```