User Model includes:

- Username

- Email

- Password

- Unique ID

Events model includes:

- Unique Event ID

- Name

- Host (The organization/person hosting it, it will be the username of the handler making it by default)

- Start Time

- End Time

- Date

- Location

- Description

- Attendees

- Image banner

There will be two types of users: Viewers and Handlers.

Users can:

- Register using email, username, and password

- Login using their EMAIL and Password

- Logout

- Delete their account

> Viewers can only view events.

> Handlers can make events, edit their OWN events only and Delete their own events only.

> When users register, they are viewers by default and a superuser/admin (basically the developers) can make them a handler.

The whole website will include the following features:

- An event board

- An event calendar

- Account management (Logging out and deletion as well as viewing credentials)

- You can also view other handler's accounts as well

- The handler will have a slightly different view of the website. In addition to the board and calendar:

* + The handler's profile will also include all events created by them
  + There will be an option to create, edit, and delete events for them, which will lead to a page to do so

**Authentication**

This API uses JWT (JSON Web Tokens) for authentication with access and refresh tokens.

**Access and Refresh Tokens Explained**

**What are JWT tokens?** JWT tokens are encoded JSON objects that contain information about the user and permissions. They're signed to ensure they haven't been tampered with.

**Access Token:**

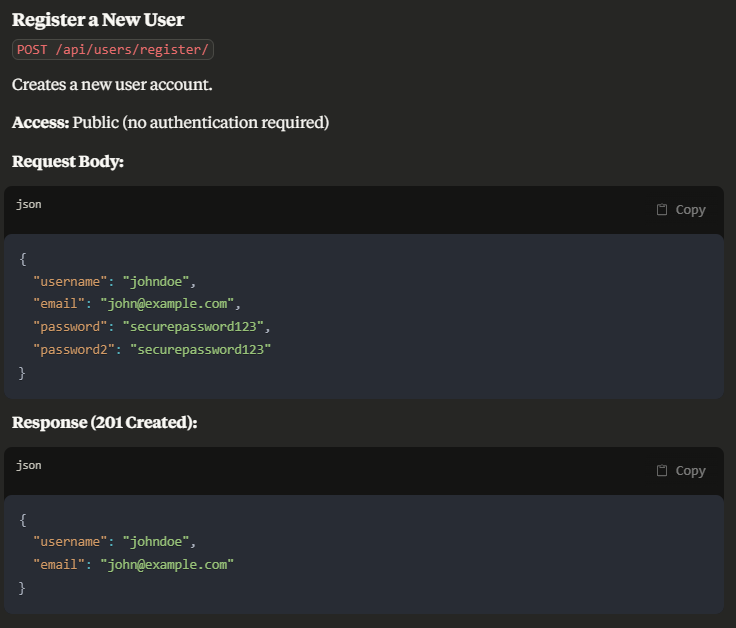
* The main token used to authenticate requests
* Short-lived (though in this system, they're set to live for a very long time)
* Must be included in the headers of authenticated requests
* Format: Authorization: Bearer <your\_access\_token>

**Refresh Token:**

* Used to get a new access token when it expires
* Usually longer-lived than access tokens
* Helps maintain security by cycling access tokens
* Must be stored securely

**Side note: You don’t need to refresh the token. I made the access token have an infinite lifetime, so just use that everywhere**

User Management Endpoints:

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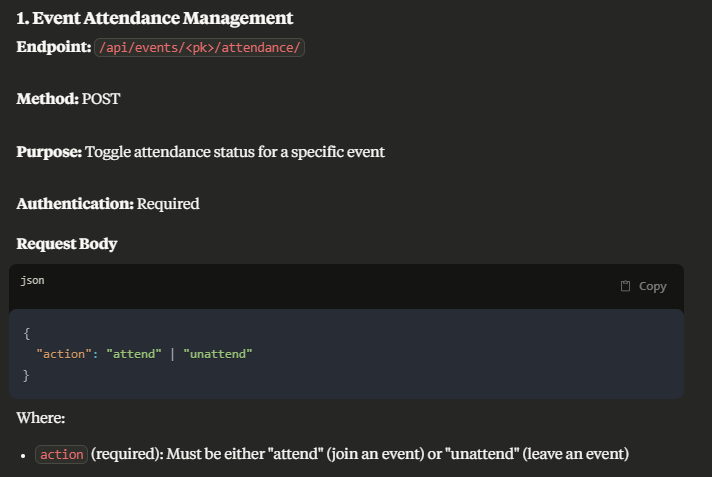
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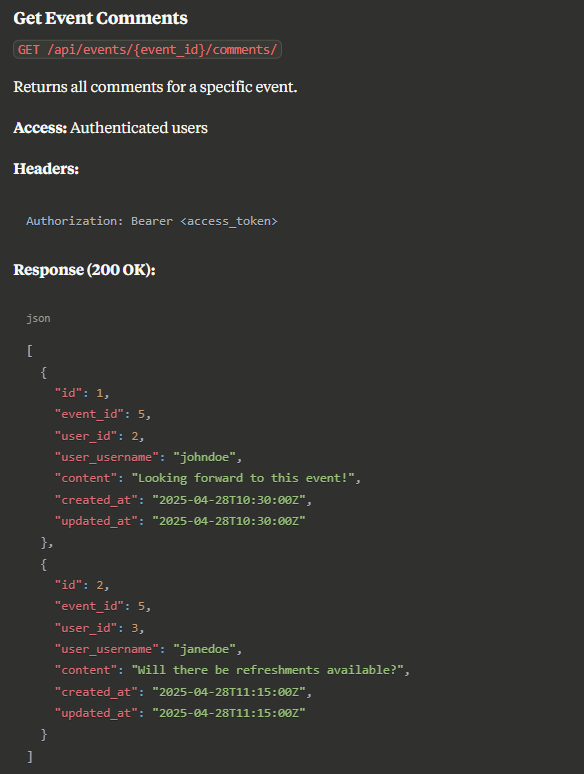
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