

# Make Your Trip with AI

San Fransisco, CA

07/22/2023



07/26/2023



Submit

## Visit Golden Gate Bridge

Jul 21, 2023

09:00 - 11:00

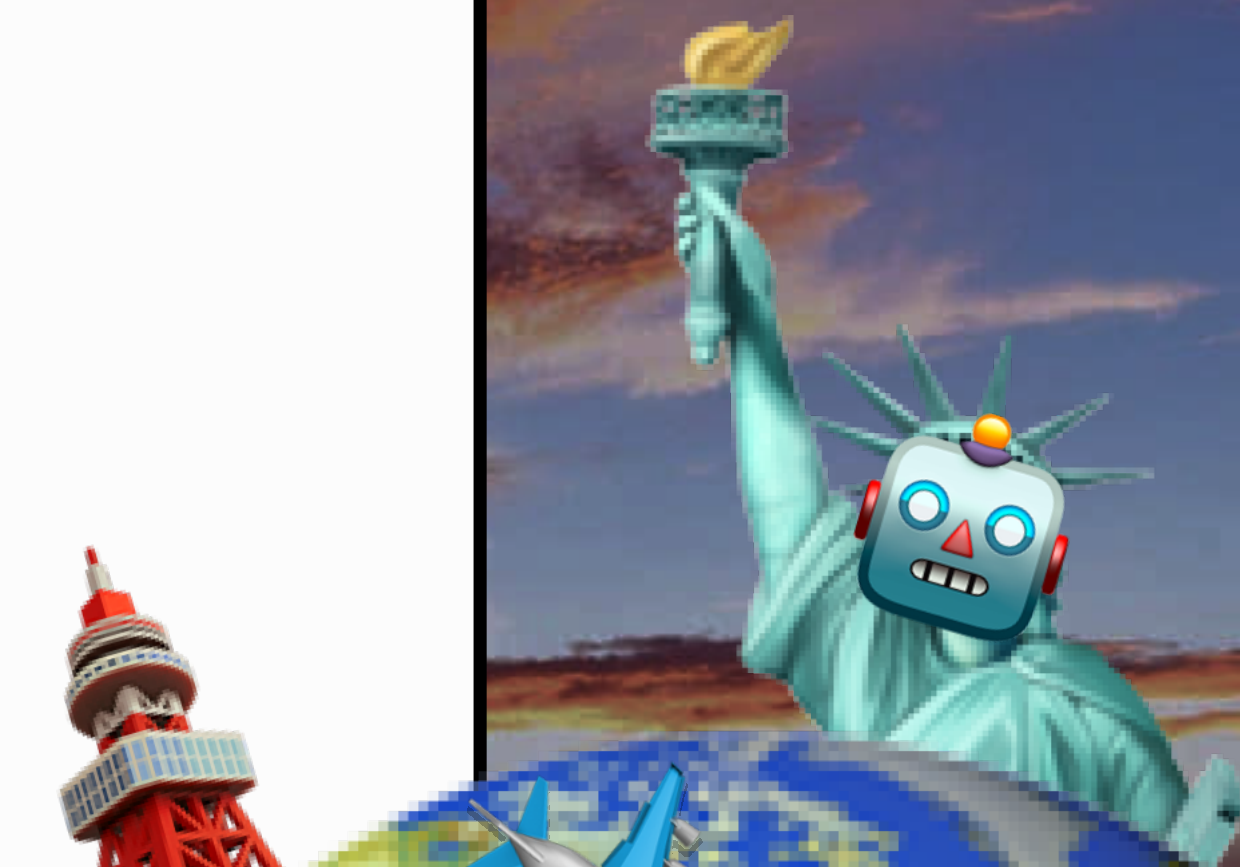
## Explore Alcatraz Island

Jul 21, 2023

13:00 - 16:00

## Enjoy Fisherman's Wharf

Jul 21, 2023



**Welcome!**

**As a club, we need to go on a  
vacation.**

**Let's think of some  
destinations.**

**NYC, LA, SF?**

**Maybe Vermont?**



**Now that we have a  
destination, what should we  
do there?**

**Now this is much harder :(**

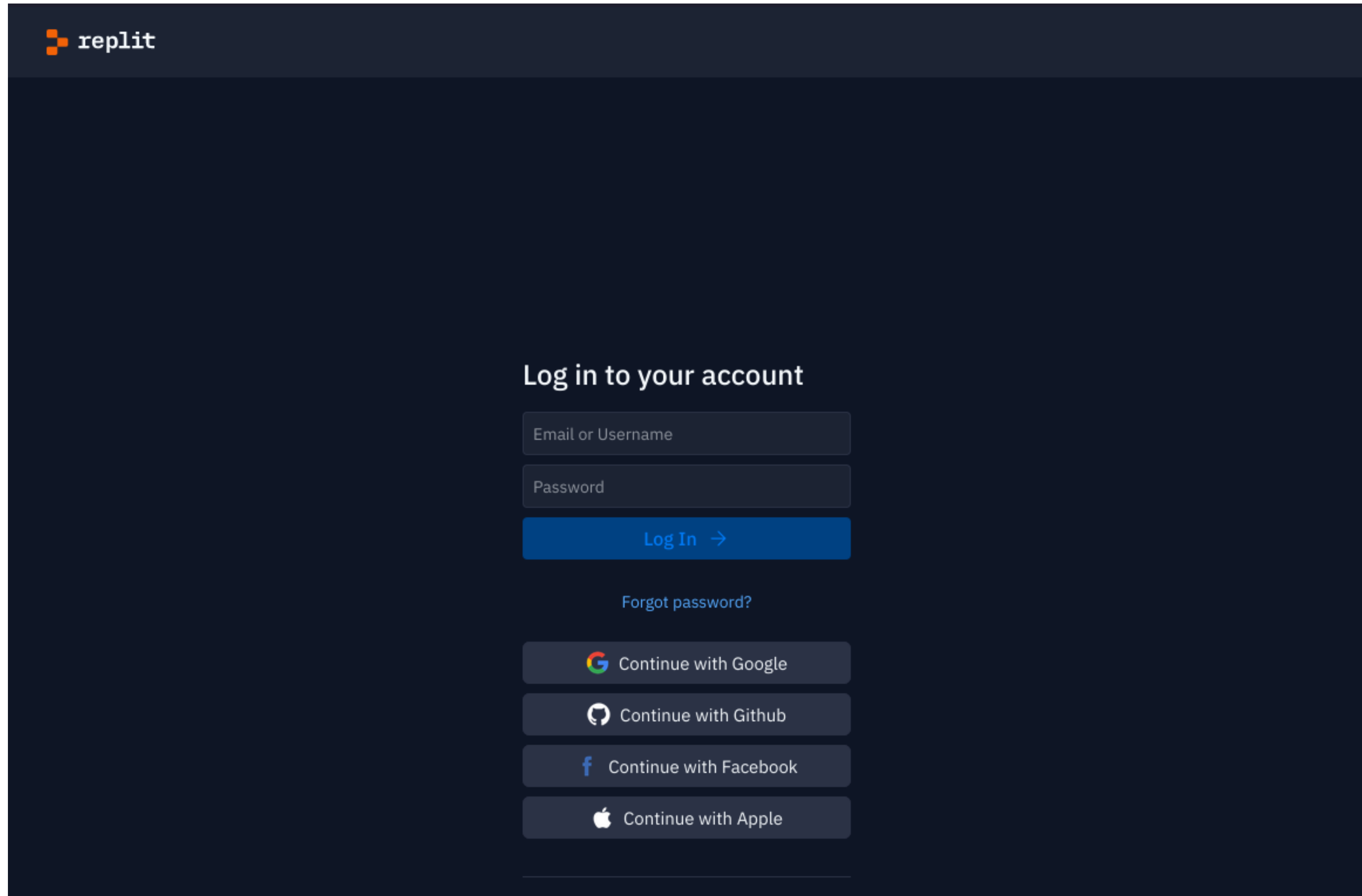
**Let's use code to make this  
process easier**



**Let's make an AI trip itinerary  
planner for our club trip!**

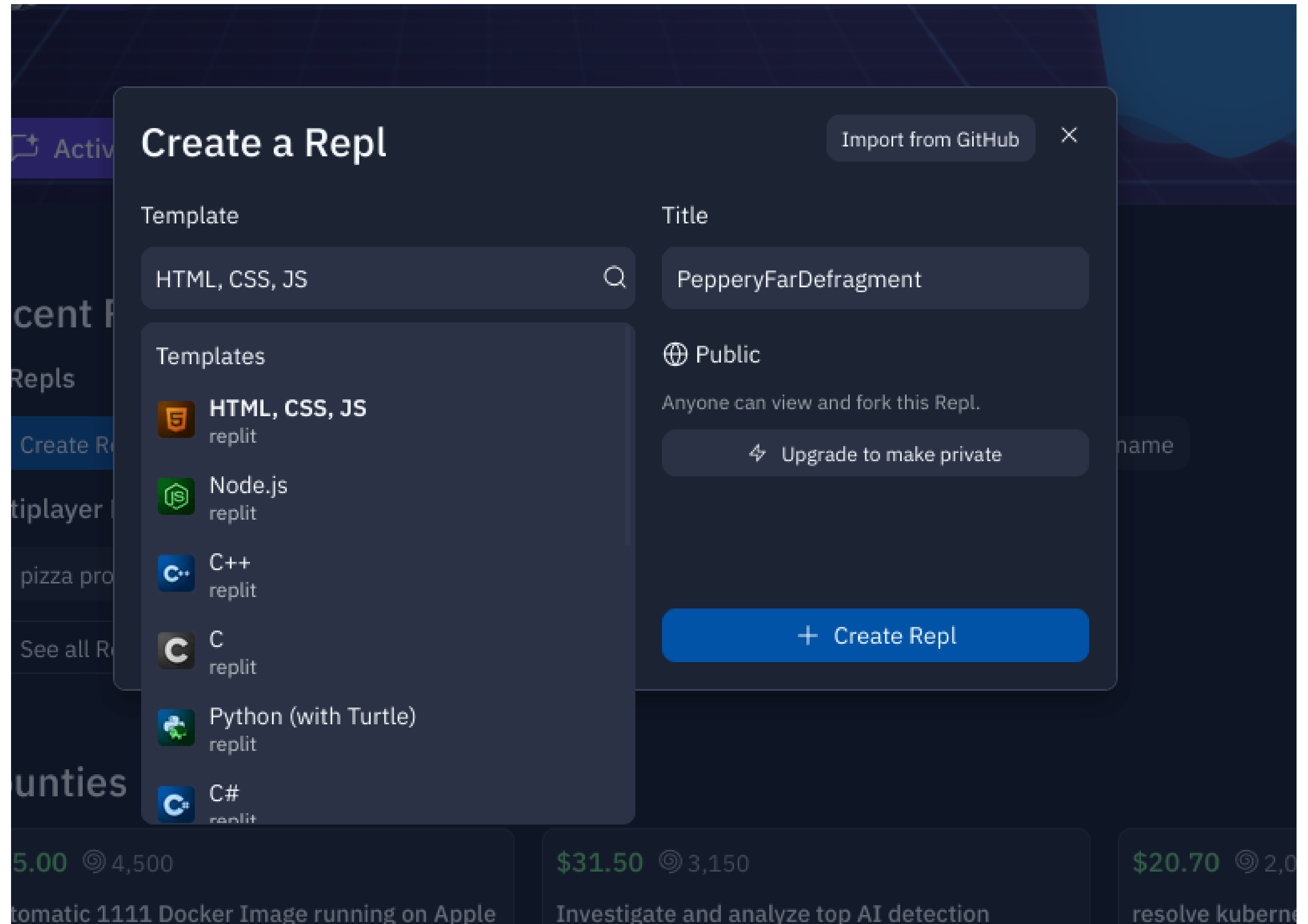
# Sign up for Replit

<https://replit.com>



# Create a project

HTML + CSS + JS



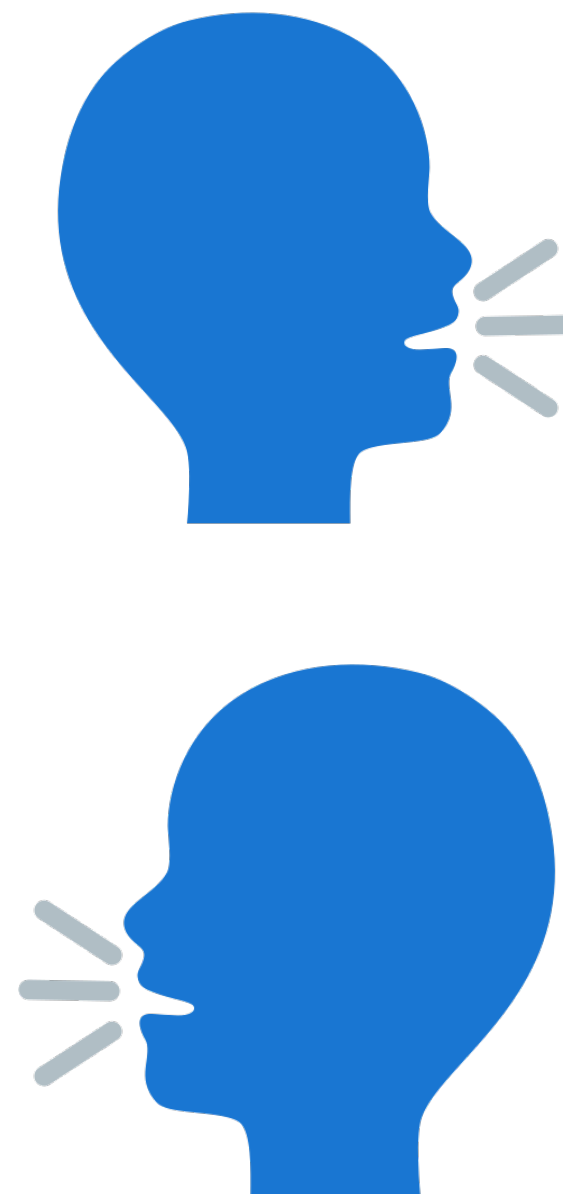
**Creating inputs for dates and location**

# Configuring ChatGPT

# What's an API?

An API is the way our code can talk to someone else's code

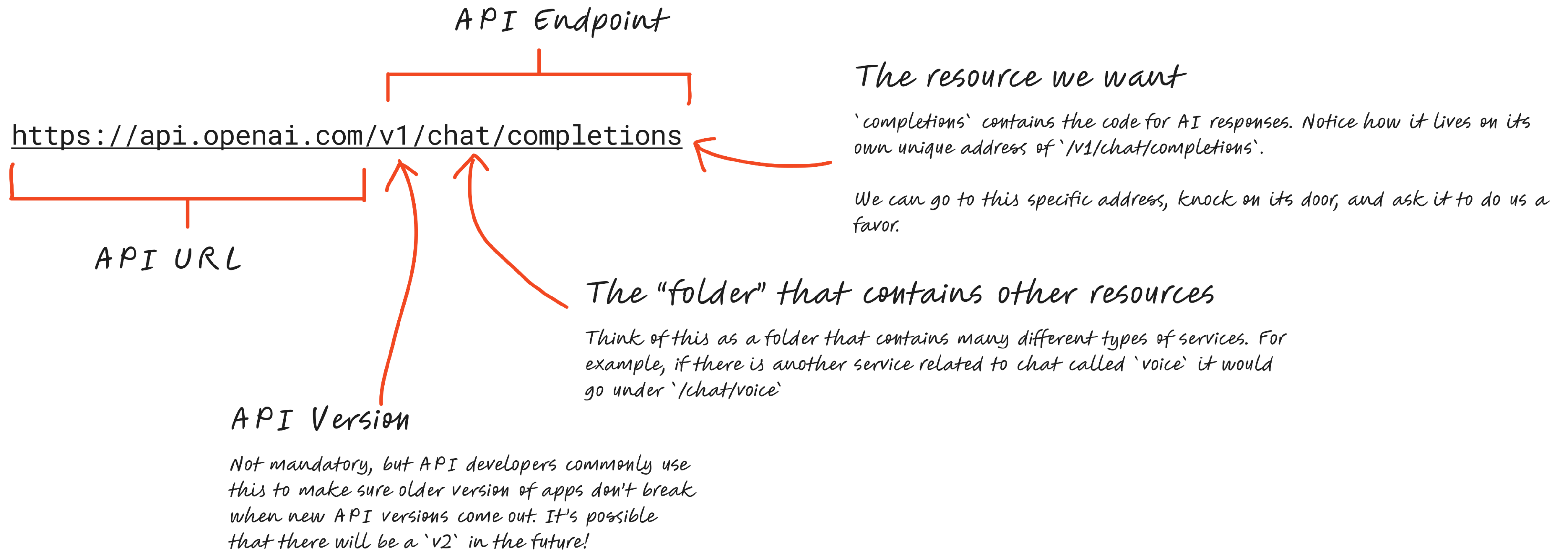
**Us**



**API**

Someone's code

# The API we're using





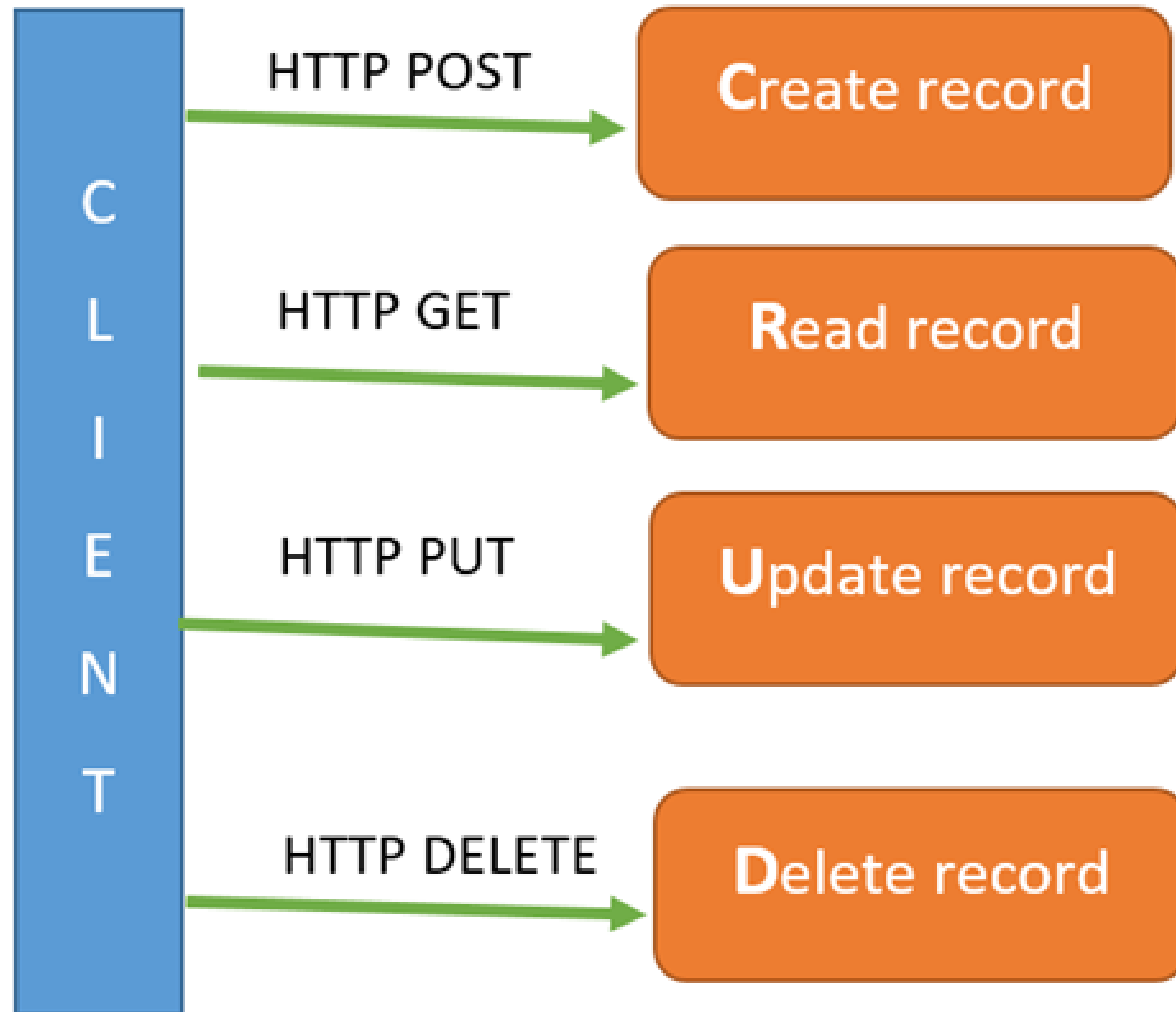
# How to talk to APIs - HTTP Requests!

GET: We tell the API to fetch some data for us to use

POST: We tell the API to create some data for us

PUT: We tell the API to update some data for us

DELETE: Obviously, we tell the API to delete some data for us



# Communicating with ChatGPT

Make a **POST** request

<https://api.openai.com/v1/chat/completions>

# How to use POST requests

Request



+

Request Body



=

Sent request



**Back to coding!**

**Getting the values of our inputs**

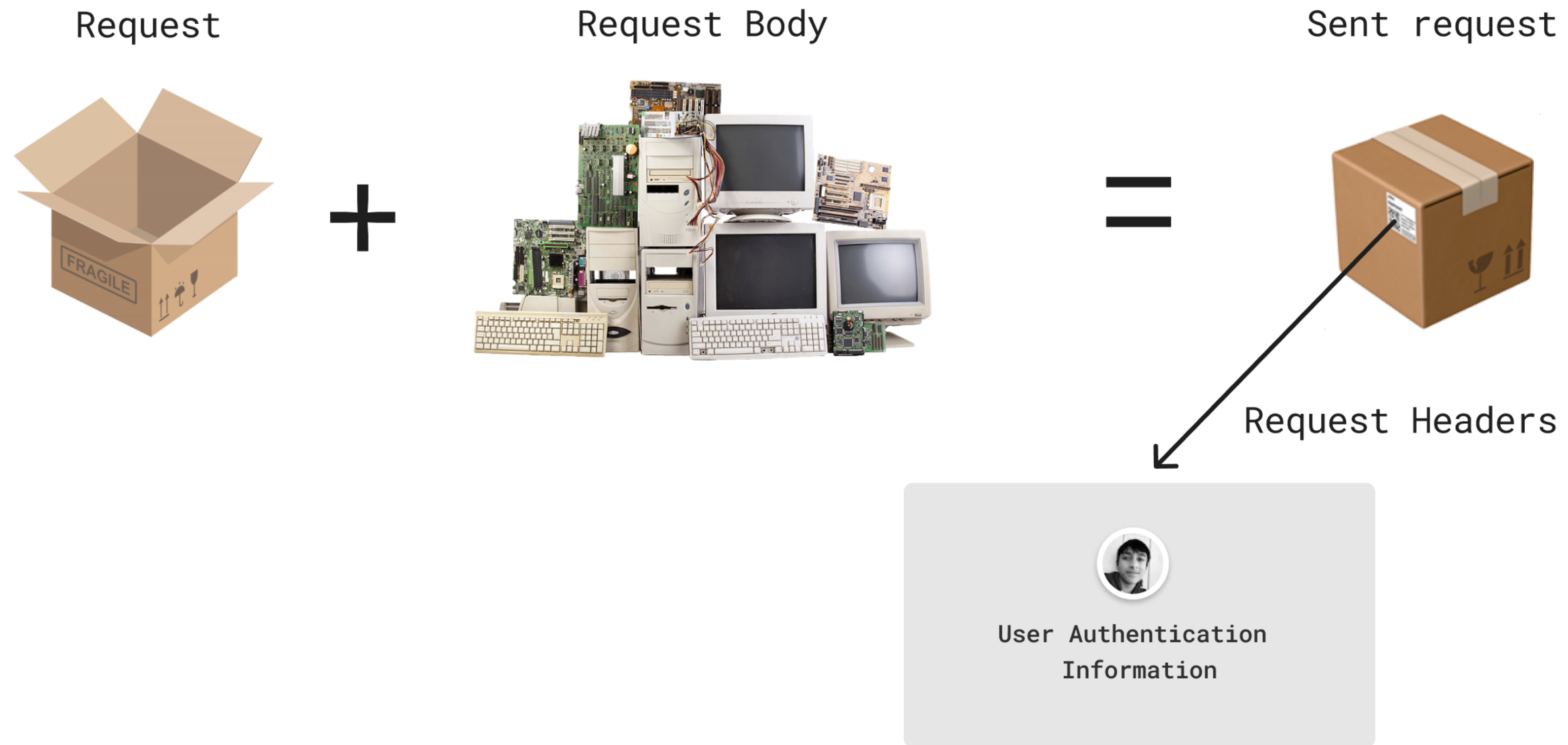
**Getting the values into our JavaScript  
code**

# Interacting with the ChatGPT API

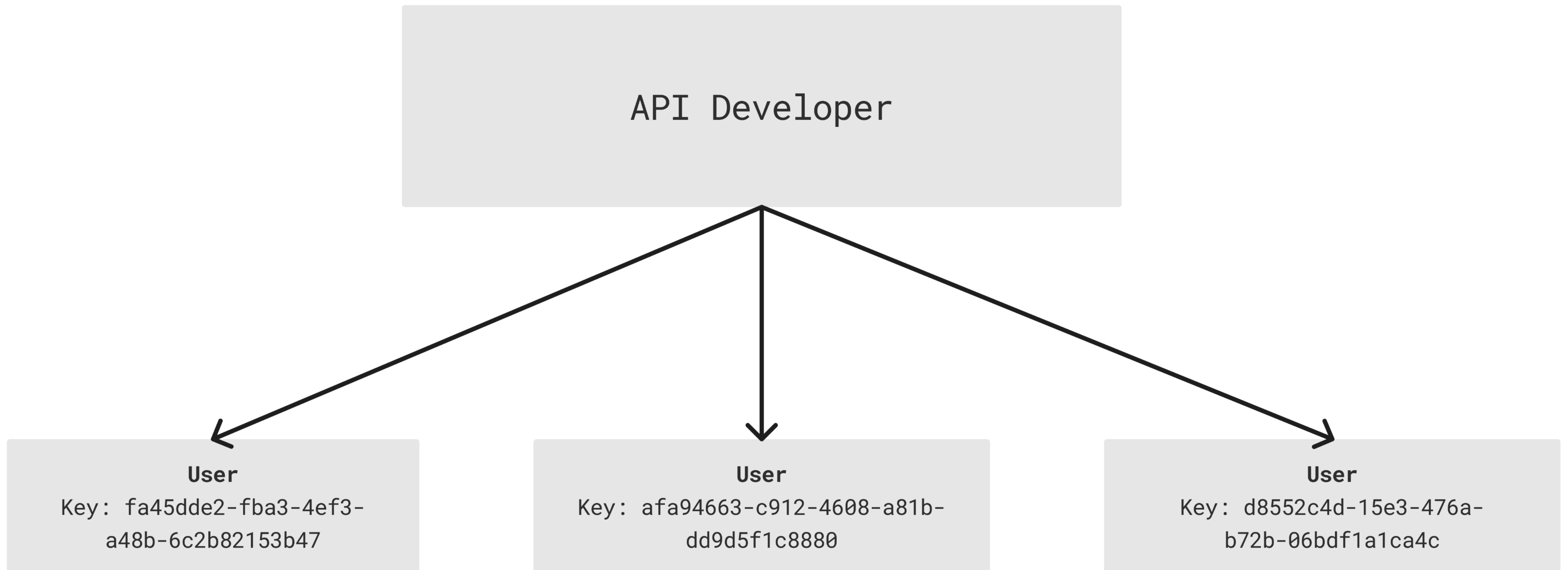


**Calling the API with `fetch`**

# What is the headers in the request?



# How API Keys work



**What to put in the headers of the request?**

**What should be the body of the request?**

**Progress check**

# **Parsing API Response**



# **Adding *itinerary* events to the main page**

**Done** 🎉