

## The Stack 🍔

- Python
- Requests + Flask
- SQLite

## Stack choice 🤔💭

- Goal: keep project and system dependencies to a min
- Requests + Flask standard to API stuff in Python
- MongoDB
  - Pros: commonly used document database
  - Cons: requires installation
- SQLite
  - Pros: comes pre-installed on Mac
  - Cons: would require setup for Windows

## Food API 🧑💻

Decided on which API to use for Guac is extra. Weight pros, cons, and considered features and complexity needed to complete.

### [Yummly](#)

Pros:

- Includes diet and ingredient filters in query params in API call

Cons:

- Use of api key to access
- Lots and lots of data in payload when querying recipe by name
- Not actively accepting new users to access API
- Found a workaround for the above called [Rapid API](#) which allows access to tons of API's using a single api key
  - Not sure if this API is the exact same version as the OG Yummly API, if the documentation from the Yummly dev site applies to this API

### [Spoonacular](#)

Pros:

- Good documentation
- Good examples

Cons:

- Probably too many features for the project
- Having to sign up with email
- Limited number of API calls
- Point system to track usage (as opposed to data/number of calls)

## [Edamam](#)

Pros:

- Good documentation
- Good examples

Cons:

- Probably too many features for the project
- Having to sign up with email
- Limited number of filters

## [MealDB](#)

Pros:

- Simple, straight forward
- No api key needed to access most endpoints

Cons:

- Need api key to search by multiple recipes (by being a Patreon supporter)

## [Recipe Puppy API](#)

Pros:

- Very simple

Cons:

- Too simple?

Other notes, coherent thoughts  

- In an effort to keep dependencies to a low, learning more about mocking using [unittest](#) (built in to python standard lib)

- Some challenges with understanding which attributes on an object to be mocked/configurations for Mock, but I prevailed!
- MealDB only has TWO taco recipes in it's db which means no options for vegans/vegetarians for sure 🙄
- Switched to Recipe Puppy, had to rework helper functions for API
- SQLite makes me feel old
- Learned cool mock.patch() stuff in unittest