

HTTP5222 Project (APIs)

Create an Express web app which **consumes at least two APIs**. This should be a website with an interface (i.e. like a typical website and **NOT** building an API). Using an open data source in addition to these would be even better. This is your chance to use your creativity and really see what you can do with APIs. This project can be a good portfolio piece.

First steps: Take a look at available APIs and see if you can come up with cohesive concept which uses at least two. This means that your website should not be random API integrations. Instead, try to see if you can make a useful website and use the APIs to supplement your code for better functionality.

SDKs: For this project, if the API you want to use has an SDK (Software Development Kit)—in other words, a code library—you are allowed to use it.

Start thinking of your concept now. There will be a **checkpoint (4%) for you to submit a short description listing the APIs you plan to use and what you plan to create**. I'll give you a mark for your idea so that you can get an idea as to whether or not it needs tweaking.

For the final submission (24%), you will be marked on (on Blackboard, this has been scaled to a total of 24):

- **API integration (5)**
- **Code quality (5)**
- **Design (5)**
- **Creativity/Cohesiveness (5)**

You can submit by either:

- zipping up files (minus the **node_modules** folder) and submit via Blackboard
- **OR** push to GitHub and submit the link on Blackboard

Items to include (to ensure I can run the code):

- A README with any information I may need (e.g. login, etc.)
- **(OPTIONAL)** You can also develop and upload the code to your host so I can reliably test working code. It's also a good idea to start getting some projects online now if you don't have them up yet.

Due dates:

Checkpoint (4%) – **July 3, 2024 at 11:59pm**

Final Submission (24%) – **July 27, 2024 at 11:59pm**