Submission Worksheet

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https://learn.ethereallab.app/assignment/IT202-450-M2024/it202-module-5-project-prep-api-research-2024/grade/mm2849

IT202-450-M2024 - [IT202] Module 5 Project Prep API Research 2024

Submissions:

Submission Selection

1 Submission [active] 6/24/2024 12:38:00 AM

Instructions

^ COLLAPSE ^

Overview video: https://youtu.be/FPn8KnnJlw8

For your semester project, you'll be building an application of your choice with the requirement of getting and using data from an API.

This little homework assignment is to get you thinking about your choice before we finish Milestone 1.

Milestone 2 and beyond will be generic requirements that all project options must follow but with their own respective API data and goals.

Even if the Milestones don't 100% match your vision, ensure you still attempt to follow them as closely as possible, even if your vision has other required features not asked for.

- Create a new branch for this assignment's output file
- You may need/want to make a placeholder file to add/commit/push so you can open your pull request early
- 3. Visit https://rapidapi.com/collections and find a valid API for your project
- 4. Things to look for
 - 2. API is active/works
 - 3. API is free
 - Note the quota and whether limits are hard or soft
 - API has relevant data you can fetch/pull
 - Exclusions (not an exhaustive list): GPT/LLVM model/Al, memes, weather, data with minimal properties
 - Safer Examples: cars, food, restaurants/businesses, real estate, products, sports, etc
 - 6. Ensure the choice is college-friendly and legal

- responsibility to ensure it has what you need for your project vision as this choice won't easily be changed later
- You don't need to use the data at face value, you can do something fun/interesting with it like I will for my project (i.e., using the data for game mechanics)
- 7. Milestone Overviews
 - 8. Milestone 2 will typically have the standard CRUD operations for the data provided by the API
 - Milestone 3 will typically require the data to be associated with a user in some form or another, keep this in mind when thinking about your project scope
 - Note: You'll only be fetching data from the API, the goal is to work with your application data only which will be a mix of API entities and user-generated entities of the same type
- Fill in the below deliverables
- 9. Grab the exported PDF at the end and add it to your local repository
- 10. Add/commit/push the completed file to this branch
- Merge the pull request to dev
- 12. Create and Merge a pull request from dev to prod
- 13. Upload the output PDF to Canvas
- 14. Locally checkout dev
- 15. Pull the latest changes so you're up to date for a future branch

Branch name: Project-API-Research

Tasks: 5 Points: 10.00

API (8 pts.)



Task #1 - Points: 1

Text: Provide a link to the API's page/documentation

Details:

Link should be from rapidapi.com or directly from the API's provider

URL #1

https://rapidapi.com/datascraper/api/us-real-estate



Task #2 - Points: 1

Text: Explain what data you'll be using from the API and how you plan to use it in the project





Explanation (required)

Response



The data and properties I intend to use for the API will be Location, For Sale, and For Rent.

#2) How do you plan to utilize the

0

Explanation (required)

Response

PREVIEW RESPONSE

I would use the location to find houses or apartments in the user's preferred location. The For Sale will be used to locate residences for sale in a given location. The For Rent feature will be used to locate an apartment that is available for rent. My goal for this project is to create a website that allows buyers to search homes or apartments for sale or rent in their desired location.

#3) Mention all the API



Explanation (required)

Response

PREVIEW RESPONSE

I would use String data for the API route to find the buyer's location, house for sale, or apartment for rent.



Task #3 - Points: 1

Text: API Info

#1) Provide details about



#2) What **limitations**



Explanation (required)

Response



Explanation (required)

PREVIEW RESPONSE

The quota receives 300 quantity requests per month. If this number exceeds it, I will have to pay up for the pro subscription, which includes 5000 requests each month.

Response



I'll need to stay under the 300-request limit per month.





Task #1 - Points: 1

Text: Pull request for this assignment



Should end in /pull/#

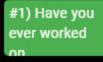
URL #1

https://github.com/mm2849/mm2849-IT202-450/pull/12



Task #2 - Points: 1

Text: General Prompts (see checklist, copy/paste the prompts into the submission)

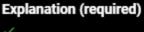




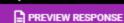
#2) Have you ever created an API that



Explanation (required)



Response



No, I've never worked on consuming an API before. **~**

Response

PREVIEW RESPONSE

by other people.

No, I have never created an API that was consumed by my own application or consumed

, |

Response

#3) Do you

have any

other

PREVIEW RESPONSE

An alternative API

Explanation (required)

0

choice would be Soccer Football Info.

