Submission Worksheet

CLICK TO GRADE

https://learn.ethereallab.app/assignment/IT202-450-M2024/it202-module-5-project-prep-api-research-2024/grade/aam282

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

Submissions:

Submission Selection

1 Submission [active] 6/25/2024 10:32:03 PM

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
 - 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
 - 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
- 8. Fill in the below deliverables
- 9. Grab the exported PDF at the end and add it to your local repository
- Add/commit/push the completed file to this branch
- 11. 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/DataCrawler/api/tripadvisor16



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

#1) Mention what data



Explanation (required)

× Response

PREVIEW RESPONSE

- Destination Information: The name of the destination The coordinates of the destination. A brief description of the destination. A image or photo of the destination. The type of destination (city, landmark, attraction, etc).
- Popular Attractions: The name of the attraction A description of the attraction. The coordinates of the attraction. Opening Hours An image of the attraction. The average rating given by visitors. User reviews and comments about

 Recommended Restaurants: The name of the restaurant

the attraction.

#2) How do you plan to



Explanation (required)

Response

PREVIEW RESPONSE

The goal for this project is to allow people to sign up to share their travel information in journals. its. like an instagram but for travelling. Users can document their trip but trip advisor api is what let's people know exactly where they are for insporation for thier next trips. So the user can create a journal based on the trip they take, they can use the api to get detailed info about the places they visit so they can document and add photos for ithers to see. the user can make it public or private and if public other users can like and comment on it.

#3) Mention all the API



routes/endnoin

Explanation (required)

>

Response

PREVIEW RESPONSE

Destination Information Endpoint: Criteria: fetch detailed information about a specific destination,

image, and coordinates.

name, description,

Popular Attractions
Endpoint:
Criteria: fetch a list of
popular attractions at a
specific destination,
name, description,
image, and rating.

Recommended
Restaurants Endpoint:
Criteria: fetch a list of
restaurants at a specific
destination, name,
cuisine type, image, and
rating.

Top Hotels Endpoint: Criteria: fetch a list of top hotels at a specific destination, name, description, image, and price range.

The type of cuisine offered (French, Italian). The coordinates of the restaurant. Opening Hours An image of the restaurant. average rating given by customers. User reviews and comments about the restaurant. A link or brief description of the menu items.

4. Top Hotels:

The name of the hotel The geographical coordinates of the hotel. A brief description of the hotel and its amenities. An image of the hotel. average rating given by guests. User reviews and comments about the hotel. the price range (e., \$\$, \$\$\$).



Task #3 - Points: 1

Text: API Info

#1) Provide details about the quota

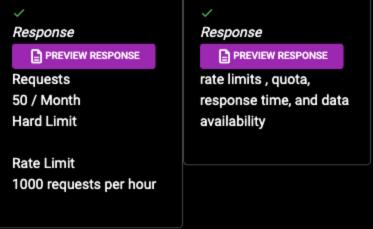
Explanation (required)



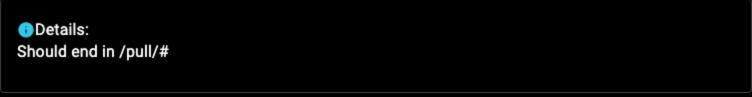
#2) What limitations



Explanation (required)







URL #1
https://github.com/Ashrafmugallii/aam282-IT202-S450/pull/10

