Submission Worksheet

CLICK TO GRADE

https://learn.ethereallab.app/assignment/IT202-007-F2024/it202-module-5-project-prep-api-research-2024/grade/jd755

Course: IT202-007-F2024
Assigment: [IT202] Module 5 Project Prep API Research 2024
Student: Jeremy R. (jd755)

Submissions:

Submission Selection
1 Submission [submitted] 10/27/2024 3:52:50 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.

1. Create a new branch for this assignment's output file
2. 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
    4. Note the quota and whether limits are hard or soft
    5. API has relevant data you can fetch/pull
        6. Exclusions (not an exhaustive list): GPT/LLVM model/AI, memes, weather, data with minimal properties
        7. Safer Examples: cars, food, restaurants/businesses, real estate, products, sports, etc
    6. Ensure the choice is college-friendly and legal

6. Ensure the choice is college-friendly and legal
5. Review the documentation of your chosen API and understand what data it offers, it's your responsibility to ensure it has what you need for your project vision as this choice won't easily be changed later
6. 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
    9. 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
    10. **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
10. 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

Group

Group: API
Tasks: 3
Points: 8

COLLAPSE

Task

Group: API
Task #1: Provide a link to the API's page/documentation
Weight: ~33%
Points: ~2.67

COLLAPSE

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

Task URLs

URL #1
https://rapidapi.com/SAdrian/api/moviesdatabase

URL
https://rapidapi.com/SAdrian/api/moviesdatabase

End of Task 1

Task

100%

Group: API
Task #2: Explain what data you'll be using from the API and how you plan to use it in the project
Weight: ~33%
Points: ~2.67

COLLAPSE

Columns: 1

Sub-Task

100%

Group: API
Task #2: Explain what data you'll be using from the API and how you plan to use it in the project
Sub Task #1: Mention what data and properties of the data you plan to use from the API (likely won't be all in some cases)

Task Response Prompt

Response

Response:

I will be mainly using the search property of the data in order to allow users to search up specific movie titles.

Sub-Task

100%

Group: API
Task #2: Explain what data you'll be using from the API and how you plan to use it in the project
Sub Task #2: How do you plan to utilize the data for the scope of your project? What's your goal/vision?

Task Response Prompt

Response

Response:

My goal is to allow users to search for movies save the ones they have watched.

Sub-Task

100%

Group: API
Task #2: Explain what data you'll be using from the API and how you plan to use it in the project
Sub Task #3: Mention all the API routes/endpoints you intend to use and what criteria will be required for them if any (beyond the API key)

Task Response Prompt

Response

Response:

The API endpoints I will most likey use is Titles and Search. These will require strings in order to search the movie database for matches.

End of Task 2

Task

100%

Group: API
Task #3: API Info
Weight: ~33%
Points: ~2.67

COLLAPSE

Columns: 1

Sub-Task

100%

Group: API
Task #3: API Info
Sub Task #1: Provide details about the quota (quantity, hard/soft, refresh time, extra costs, etc)

Task Response Prompt

Response

Response:

This API has a hard limit of 500,000 requests a month with a rate limit of 1,000 requests per hour.

Sub-Task

100%

Group: API
Task #3: API Info
Sub Task #2: What limitations do you need to keep in mind when interacting with the API?

Task Response Prompt

Response

Response:

One possible limitation is that some titles many not be translated in the database. For example, if there is a Japanese movie a user is searching for the title may be in Japanese. Conversely, searching for an English movie name in a different langauge may not work depending if alternate titles are stored.

End of Task 3

End of Group: API
Task Status: 3/3

Group

50%

Group: Misc
Tasks: 2
Points: 2

COLLAPSE

Task

0%

Group: Misc
Task #1: Pull request for this assignment
Weight: ~50%
Points: ~1.00

COLLAPSE

Details:
Should end in /pull/#

Task URLs

URL #1
Missing URL

URL

End of Task 1

Task

100%

Group: Misc
Task #2: General Prompts (see checklist, copy/paste the prompts into the submission)
Weight: ~50%
Points: ~1.00

COLLAPSE

Columns: 1

Sub-Task

100%

Group: Misc
Task #2: General Prompts (see checklist, copy/paste the prompts into the submission)
Sub Task #1: Have you ever worked on consuming an API? If so, briefly explain.

Task Response Prompt

Response

Response:

I have never worked on consuming an API.

Sub-Task

100%

Group: Misc
Task #2: General Prompts (see checklist, copy/paste the prompts into the submission)
Sub Task #2: Have you ever created an API that was consumed by your own application or consumed by other people?

Task Response Prompt

Response

Response:

I have never created an API.

Sub-Task

100%

Group: Misc
Task #2: General Prompts (see checklist, copy/paste the prompts into the submission)
Sub Task #3: Do you have any other alternative API choices in mind in case this doesn't work out? List them if you do. (Note: it's a good idea to have a backup)

Task Response Prompt

Response

Response:

A video game database API that allows user to select games they have played.

End of Task 2

End of Group: Misc
Task Status: 1/2

End of Assignment