Submission Worksheet

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IT202-008-S2024 - [IT202] Project Prep API Research 2024

Submissions:

Submission Selection
1 Submission [active] 3/25/2024 8:56:28 PM

Instructions

^ COLLAPSE ^

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
Visit https://rapidapi.com/collections and find a valid API for your project
Things to look for
API is active/works
API is free
Note the quota
API has relevant data you can fetch/pull (something like a GPT/LLVM model/AI integration, memes, weather likely won't fulfill the requirements as a valid API choice, look for things that have a decent number of properties)
Examples: cars, food, restaurants/businesses, real estate, products, sports, etc
Ensure the choice is college-friendly and legal
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
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
The Milestones beyond Milestone 1 will typically have the standard CRUD operations for the data provided by the API, later Milestones 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
Fill in the below deliverables
Grab the exported PDF at the end and add it to your local repository
Add/commit/push the completed file to this branch
Merge the pull request to dev
Create and Merge a pull request from dev to prod
Upload the output PDF to Canvas
Locally checkout dev
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.)
^COLLAPSE ^

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^COLLAPSE ^ **Task #1 - Points: 1**

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

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

URL #1
https://rapidapi.com/gox-ai-gox-ai-default/api/ott-details/

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^COLLAPSE ^ **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

Checklist   *The checkboxes are for your own tracking

#	Points	Details
☐ #1	1	Clearly mention the data/entities to be used from the API
☐ #2	1	Clearly mention how the data will be used in the scope of the project. What's your goal/vision?
☐ #3	1	Include the API routes you intend to invoke for this information (most API's will require the usage of a few endpoints to gather all the necessary data)

Response:

I am going to be using the genre, the title, the IMDb rating, the title, the release date, and the synopsis. My goal is to have users be able to put movies in their watch list (this will be the way the data is associated with the user). Users will be able to search for movies by title, genre, or release date. They will then see the rating for the movies and the synopsis. The API routes will be: https://ott-details.p.rapidapi.com/advancedsearch, https://ott-details.p.rapidapi.com/search,

https://ott-details.p.rapidapi.com/gettitleDetails, https://ott-details.p.rapidapi.com/getadditionalD

Task #3 - Points: 1
Text: API Info

Checklist
*The checkboxes are for your own tracking

#	Points	Details
☐ #1	1	Mention what the quota is for your chosen API and how frequently it refreshes if at all (we're aiming to keep things free)
☐ #2	1	Mention any other limitations or things to keep in mind while interacting with the API

Response:

I have a hard limit of 120 requests/month. My rate limit is 1 request per second. My latency is 369 ms.

Misc (2 pts.)
∧COLLAPSE∧

Task #1 - Points: 1
Text: Pull request for this assignment

ℹ Details:
Should end in /pull/#

URL #1
https://github.com/nafisa37/na569-it202-008/pull/26

Task #2 - Points: 1
Text: General Prompts (see checklist, copy/paste the prompts into the submission)

Checklist
*The checkboxes are for your own tracking

#	Points	Details
☐ #1	1	Have you ever worked on consuming an API? If so, briefly explain.
☐ #2	1	Have you ever created an API that was consumed by your own application or consumed by other people?
☐ #3	1	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)

Response:

I have never worked with APIs before or created an API that was consumed by my own application or consumed by other people. Another alternative API choice I have is https://rapidapi.com/rapidapi/api/movie-database-alternative/.

End of Assignment