

Submission Worksheet

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<https://learn.ethereallab.app/assignment/IT202-452-M2024/it202-module-5-project-prep-api-research-2024/grade/sha38>

IT202-452-M2024 - [IT202] Module 5 Project Prep API Research 2024

Submissions:

Submission Selection

1 Submission [active] 6/22/2024 6:51:44 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
5. Review the documentation of your chosen API and understand what data it offers, its usage

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

Tasks: 5 Points: 10.00

 API (8 pts.)

^COLLAPSE ^



EXPAND

Task #1 - Points: 1

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



EXPAND

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



EXPAND

Task #3 - Points: 1

Text: API Info



Misc (2 pts.)

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^COLLAPSE ^

Task #1 - Points: 1

Text: Pull request for this assignment

Details:

Should end in /pull/#

URL #1

<https://github.com/ShahadatAnadil/sha38-it202-452/pull/19>

^COLLAPSE ^

Task #2 - Points: 1

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

#1) Have you ever worked on consuming an API? If so, briefly explain.



Explanation (required) ✓

Response

 PREVIEW RESPONSE

I have never worked on consuming an API, this is the first time I'm introduced to it. I do know it's very useful to pull and gather data from it. In one of my previous classes, I made a Microsoft stock website in which I gathered the data manually from websites, I always wanted to create a real-time data for it but didn't know how to. This would probably be a great way to do that.

#2) Have you ever created an API that was consumed by your own application or consumed by other people?



Explanation (required) ✓

Response

 PREVIEW RESPONSE

No, I've never created an API, I don't know how to. This is the first time I'm introduced to this topic. I assume it must be time-consuming though, connecting it to a database.

#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)



Explanation (required) ✓

Response

 PREVIEW RESPONSE

[<https://rapidapi.com/ecommdatahub/api/aliexpress-datahub>]

[<https://rapidapi.com/letsrape-6bRBa3QguO5/api/real-time-product-search>]

End of Assignment