Instructions

1. Ensure you read all instructions and objectives before starting.
2. Ensure you added your API choice to the Google doc shared on Canvas (selections must be unique, no two students can use the same exact API)
3. Create a new branch from `Milestone2` called `M7-Homework`
   1. `git checkout Milestone2` (ensure proper starting branch)
   2. If you don't have `Milestone2` yet, create it from `Milestone1`
   3. `git pull origin Milestone2` (ensure history is up to date)
   4. `git checkout -b M7-Homework` (create and switch to branch)
4. Follow the lesson from
   - Add `testApi.php` to your `project` folder
   - Immediately record to history
     - [ ] `git add public_html`
     - [ ] `git commit -m "adding M7 HW baseline files"`
     - [ ] `git push origin M7-Homework`
     - [ ] Create a Pull Request from `M7-Homework` to `Milestone2` and keep it open
5. Fill out the below worksheet
   - Ensure you add the UCID/Date and details comments as you work
   - Get the example working with your chosen API
6. Once finished, click "Submit and Export"
7. Locally add the generated PDF to a folder of your choosing inside your repository folder and move it to Github
   1. `git add .`
   2. `git commit -m "adding PDF"`
   3. `git push origin M7-Homework`
   4. On Github merge the pull request from `M7-Homework` to `Milestone2`
   5. On Github create and merge the pull request from `Milestone2` to dev
   6. On Github create a pull request from dev to `prod` and immediately merge. (This will trigger the `prod` deploy to make the heroku prod links work)
8. Upload the same PDF to Canvas
9. Sync Local
   1. `git checkout dev`
   2. `git pull origin dev`
   3. `git checkout Milestone2`
   4. `git pull origin Milestone2`

Section #1: (2 pts.) Analyze Api Choice

Task #1 (0.40 pts.) - API Link

🔗 Url Prompt

Weight: *20%*
Objective: *API Link*

URL #1
https://rapidapi.com/StoxApi/api/real-time-quotes1/playground/
apiendpoint_857884caf7a931-4a50-

👍 URL
https://rapidapi.com/StoxApi/api/real-

💾 Saved: 4/16/2025 1:34:22 AM

Task #2 (0.80 pts.) - Quota and Limiations

≡✎ Text Prompt

Weight: *40%*
Objective: *Quota and Limiations*

Your Response:

Request: 75 / Month Rate limit: 1000 / hour

💾 Saved: 4/16/2025 5:48:50 PM

Task #3 (0.80 pts.) - Goal Data

≡✎ Text Prompt

Weight: *40%*

Objective: *Goal Data*

Details:

- Clearly note what type of data you'll be using
- Clearly note the specific properties you intend to use (it's likely not all of them)

Your Response:

Data is retrieved after comparing the inputed currrency. It compares other curriences like XAU, XAG, PA, PL, GBP, and EUR, giving exchange rates. Those will be the data used and stored after comparison.

💾 Saved: 4/16/2025 8:12:26 PM

100% Section #2: (6 pts.) Verify Api Choice

100% Task #1 (6 pts.) - Edit the `testApi.php` file (and related `.env` conte

Combo Task:

Weight: *100%*
Objective: *Edit the `testApi.php` file (and related `.env` content) to test your chosen API*

Details:

- The code will need to be adjusted since your API differs from the one I chose
- You'll need to apply the API `.env` items to Heroku's config vars both `dev` and `prod`
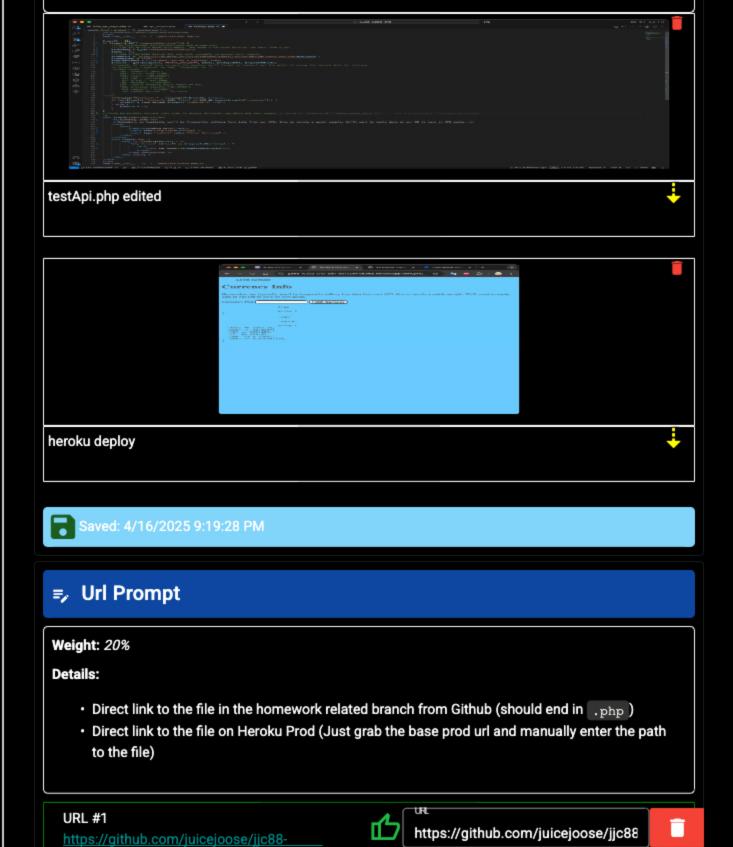- Be mindful of your API quota (may need to initially use a cached response until you get it working)

≡⁄ Image Prompt

Weight: *40%*

Details:
Two screenshots are expected

1. Snippet of relevant code showing solution (with ucid/date comment) 2. Don't show any private details like the API key
2. Full output of executing the `testApi.php` (visit the proper file on Heroku dev after a manual deploy)

testApi.php edited

heroku deploy

≡✎ Url Prompt

Weight: *20%*

Details:

- Direct link to the file in the homework related branch from Github (should end in `.php`)
- Direct link to the file on Heroku Prod (Just grab the base prod url and manually enter the path to the file)

URL #1
https://github.com/juicejoose/jjc88-it202-010/M7-Homework/public_html/project/testApi.php

👍 URL https://github.com/juicejoose/jjc88 🗑

URL #2
https://jjc88-it202-010-prod-b44e1de4d69c.herokuapp.com/project/testApi.php

👍 URL https://jjc88-it202-010-prod-b44e1d 🗑

Text Prompt

Weight: *40%*

Details:
Briefly explain what you needed to do in order to get this test working

Your Response:

Made data empty, and made a variable holding the data from $_GET. Change end points and host. Edited html side to accept input data and changed text names.

💾 Saved: 4/16/2025 9:19:28 PM

`100%`
Section #3: (2 pts.) Misc

`100%`
Task #1 (0.67 pts.) - Github Details

Combo Task:

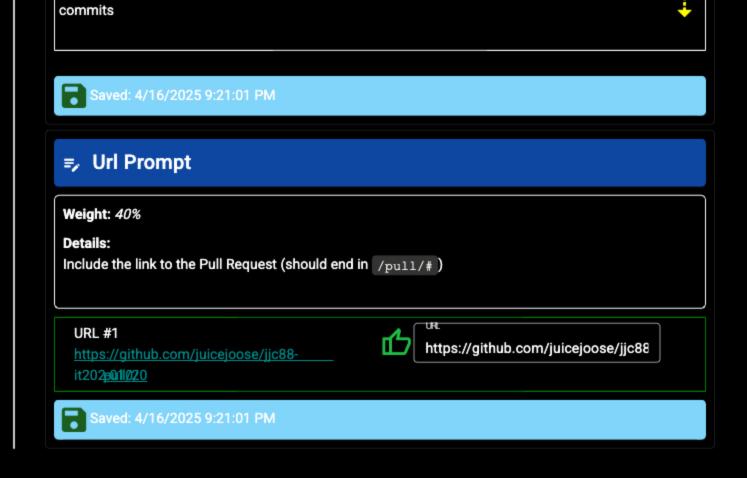**Weight:** *33.33%*
Objective: *Github Details*

Image Prompt

Weight: *60%*

Details:
From the Commits tab of the Pull Request screenshot the commit history Following minimum should be present

commits

≡⁄ Url Prompt

Weight: *40%*

Details:

Include the link to the Pull Request (should end in `/pull/#`)

URL #1
https://github.com/juicejoose/jjc88-
it202-01I020

👍 URL
https://github.com/juicejoose/jjc88

100%

Task #2 (0.67 pts.) - WakaTime - Activity

🖼 Image Prompt

Weight: *33.33%*

Objective: *WakaTime - Activity*

Details:

- Visit the WakaTime.com Dashboard
- Click `Projects` and find your repository
- Capture the overall time at the top that includes the repository name
- Capture the individual time at the bottom that includes the file time
- Note: The duration isn't relevant for the grade and the visual graphs aren't necessary

waka 1

Task #3 (0.67 pts.) - Reflection

Weight: *33.33%*
Objective: *Reflection*

Sub-Tasks:

Task #1 (0.33 pts.) - What did you learn?

≡, Text Prompt

Weight: *33.33%*
Objective: *What did you learn?*

Details:
Briefly answer the question (at least a few decent sentences)

Your Response:

I learned alot about APIs in general and what their usage and purpose is. Also learrned how to integrate into our milestone.

💾 Saved: 4/16/2025 9:23:40 PM

Task #2 (0.33 pts.) - What was the easiest part of the assignr

≡, Text Prompt

Weight: *33.33%*
Objective: *What was the easiest part of the assignment?*

Details:

Briefly answer the question (at least a few decent sentences)

Your Response:

Easiest part of the assignement was to find an API to work with, as well as this assignemnt. Although tooko some time it was experience

💾 Saved: 4/16/2025 9:24:27 PM

100%

Task #3 (0.33 pts.) - What was the hardest part of the assign

≡, Text Prompt

Weight: *33.33%*

Objective: *What was the hardest part of the assignment?*

Details:
Briefly answer the question (at least a few decent sentences)

Your Response:

Hardest part was getting the assignemnet started. Whenever I start I have to retrace through hours of lecturess and powerpoints. Also just haveiing a lack off background in this field. Although very vague to start an assignemnt once you get a grip it gets easier. Just tedious

💾 Saved: 4/16/2025 9:25:55 PM