

FINAL PROJECT REQUIREMENTS:

- Main deliverable: Python program that can be run from the command line. Must contain:
 - 1 class definition
 - 1 instance of this class
 - 8 functions/methods (2 per team member)
 - Must specify driver and navigator
 - Cite any instructor/outside coding help
- Unit Tests
- Documentation
- Personal Assessment
- Recorded Presentation

TO DO for Project Check 1:

- Find API for vaccination site data
 - <https://coronavirus.maryland.gov/datasets/all-maryland-vaccination-sites-1/geosearch?geometry=-82.482%2C38.206%2C-72.040%2C39.701>
- Have structure of the code finished
- **Plan out unit tests**
- Docstrings
- **Answer questions below in document**

By this point in the project, you should have the structure of your code laid out and more or less set in stone. Additionally, you should have written or planned unit tests and docstrings that will describe how your files will work together and what those different modules will do.

Please turn in the following:

- Any python files you have written or created so far. (These files should be in a github repo)
- A pdf file answering the following questions:
 - What has been working?
 - What has not been working?
 - What can you do differently to address what hasn't been working?
 - The link to the [Github repository](#). (this repo should be public, it may be private so long as instructor Cruz is invited to it as a collaborator with the email gcruz12@umd.edu)

Finding Vaccine Site Near you :

- User inputs county → and program gives list of vaccine site (address, url, scheduling (times), type of vaccine for each site)

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INST326

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Final Project Check-In 1

What has been working?

- Our team has been working on planning out the structure of our code. In the file titled draft1.py, we have laid out a general plan for how we would like our program to execute. We used pseudocode and docstrings to plan this out.
- We have also coded the process for extracting data from the API (json file) on COVID vaccine sites and print out a list of vaccine sites.

What has not been working?

- One question that we had was whether we should put the code for reading in the json file data in the same file as our main program code.
- Another question we had was how to isolate a single "site_name" variable. Currently we have methods vaccine_type(), get_site(), and available_times() which all take in the parameter "site_name". We need to figure out how to extract a site_name from the list, pass it into these methods, and print out results.

What can you do differently to address what hasn't been working?

- We will try to extract the site_name from the json file in an entirely different class. Currently, the whole process is being executed in one class. We plan on creating a site class. Each site_name should be an instance of a site class (with certain attributes) rather than just a string variable. This way, each site will have its certain properties associated with it.

The link to the Github repository: https://github.com/m3pothen/COVIDAggregator_INST326.git

UNIT TESTS:

Unit Test #	__init__	get_site	vaccine_type	url	available_times	summary	get_health_info	determine_phase	vaccine_appt_time
#1	Jane Doe PG County	Greenbelt Montgomery College Six Flags	Pfizer	*link will be shown*	12:30 1:45 2:00	*have a summary of how to have the vaccine*	23, essential worker, no medical conditions	Phase 1A	12:30

#2	Ruth Whitman Anne Arundel County	Greenbelt CVS Safeway	J&J	*link will be shown*	7:15 9:30 10:45 11:00	*have a summary of how to have the vaccine *	87, elderly, has type 2 diabetes, high blood pressure	Phase 1B	11:00 *needs assistance getting there*
#3	Dorothy Boarneck Montgomery County	CVS Montgomery College Walgreens	Pfizer	*link will be shown*	11:45 1:30 3:00 4:00	*have a summary of how to have the vaccine *	46, 18+	Phase 3	1:30
#4	Ella Whittaker PG County	Greenbelt CVS Safeway UMD	Moderna	*link will be shown*	9:30 10:45 2:30 3:45	*have a summary of how to have the vaccine *	21. 18+, EDS	Phase 3	10:45
#5	Jake Long Montgomery County	Greenbelt Montgomery College Six Flags	Moderna	*link will be shown*	12:35 1:35 3:00 4:00	*have a summary of how to have the vaccine *	28, 18+, no medical conditions	Phase 3	12:35