

## CovidTracker

Welcome to CovidTracker! You can start by answering some questions about your health situation.

**START** 

## Start

Are you vaccinated?

YES

NO

Do you have symptoms?

YES

NO

Have you contacted with a person that has symptoms?

YES

NO

Do you want to notify people about your situation? Please notify the people that you have contacted if you have symptoms or contacted with a person that has symptoms!

YES

NO

Email addresses of the people you want to notify:

......@.....

# CovidTracker

Calendar

**Covid Cases** 

**Symptoms** 

Settings

## Symptoms

Mild: Low-grade fever (around 100 degrees Fahrenheit), dry cough, headache, new loss of taste or smell, fatigue, vomiting and diarrhea

Moderate: Fever (>100.4 degrees Fahrenheit), chills with repeated shaking, deep cough, fatigue and body aches, muscle pain, general feeling of being unwell, shortness of breath

Severe: Shortness of breath, chest discomfort, confusion/unresponsiveness, trouble staying awake, eye problems such as watery eyes or swollen eyelids, bluish face/lips (a sign you're not getting enough oxygen)

# Calendar

2024 FEBRUARY						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28	29	30	31	,	2	3
	5		,			
11	12	13	14	15	16	10
18	19	20	21	<u>n</u>	23	24
25	26	27	28	29	1	2

### STRUCTURING THE PROJECT

• Python classes

We start a calendar class defined by the year we are

The attributes corresponding to the months are created with the use of a new class

Within the class months are created in a list the days calling the class day

Within the day class the hours are created by calling the class hour

Within the class hours it Will be determined whether

one Schedule is available or not

ACTUALYEAR

Year, Month, Day, Hour

#### REFERENCES

- Symptoms: Esakandari, H., Nabi-Afjadi, M., Fakkari-Afjadi, J., Farahmandian, N., Miresmaeili, S. M., & Bahreini, E. (2020). A comprehensive review of COVID-19 characteristics. *Biological procedures online*, *22*, 19. <a href="https://doi.org/10.1186/s12575-020-00128-2">https://doi.org/10.1186/s12575-020-00128-2</a>
- Classes: Python Software Foundation. (2021, December 1). 9. Classes Python 3.10.0 documentation. Python. <a href="https://docs.python.org/3/tutorial/classes.html">https://docs.python.org/3/tutorial/classes.html</a>