FoliumScope is a machine learning model which detects the plants disease, developed by ADG Team – Harshit, Izhan, Nihal.

This project is for the Agrithon conducted by VIT.

Here are the Step-by-Step implementation to run this project:

1) First download all the files available in this drive link given below, create a folder called FoliumScope and paste all the files on that folder.
2) Delete the env file on that folder.
3) Now right click on that folder and open with vscode.
4) Now create a new virtual environment by these steps:
   Open new terminal and write "pip install virtualenv"

```
PS D:\Izhan\VIT\Vs Code\My website\FolioScope> pip install virtualenv
Collecting virtualenv
  Downloading virtualenv-20.19.0-py3-none-any.whl (8.7 MB)
                                    8.7/8.7 MB 588.0 kB/s eta 0:00:00
Collecting distlib<1,>=0.3.6
  Downloading distlib-0.3.6-py2.py3-none-any.whl (468 kB)
                                    468.5/468.5 kB 792.9 kB/s eta 0:00:00
Collecting platformdirs<4,>=2.4
  Downloading platformdirs-3.0.0-py3-none-any.whl (14 kB)
Collecting filelock<4,>=3.4.1
  Downloading filelock-3.9.0-py3-none-any.whl (9.7 kB)
Installing collected packages: distlib, platformdirs, filelock, virtualenv
  Downloading Flask-2.2.3-py3-none-any.whl (101 kB)
                                    101.8/101.8 kB 366.4 kB/s eta 0:00:00
Requirement already satisfied: Jinja2>=3.0 in c:\users\izhan\appdata\local\programs\python\python310\lib\site-packages (from flask) (3.1.2)
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\izhan\appdata\local\programs\python\python310\lib\site-packages (from flask) (2.2.3)
Requirement already satisfied: click>=8.0 in c:\users\izhan\appdata\local\programs\python\python310\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: colorama in c:\users\izhan\appdata\local\programs\python\python310\lib\site-packages (from click>=8.0->flask) (0.4.6)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\izhan\appdata\local\programs\python\python310\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)
Installing collected packages: itsdangerous, flask
Successfully installed flask-2.2.3 itsdangerous-2.1.2

[notice] A new release of pip is available: 23.0 -> 23.0.1
[notice] To update, run: python.exe -m pip install --upgrade pip
PS D:\Izhan\VIT\Vs Code\My website\FolioScope>
```

5) Then activate the virtual environment by typing, "virtualenv env"

6) Then write "env\Scripts\activate.bat".

(if you are in mac OS ;  source env/bin/activate)

7) Now; pip install flask

8) Now type; flask run

9) You will get a host link like in this format
http://###.#.#.#:###    (this Is not link).

10)     Click on that link (ctrl+click or paste the link in browser)

11)     Kaboom Now the website will run on your local host machine.