

CREATING FLASK APPLICATION:

Project Title: Containment Zone Alerting Application

Team ID: PNT2022TMID13786

```
Command Prompt
C:\Users\91936>pip install --upgrade pip
Requirement already satisfied: pip in c:\users\91936\appdata\local\programs\python\python310\lib\site-packages (22.2.1)
Collecting pip
  Using cached pip-22.3-py3-none-any.whl (2.1 MB)
ERROR: To modify pip, please run the following command:
C:\Users\91936\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip

[notice] A new release of pip available: 22.2.1 -> 22.3
[notice] To update, run: C:\Users\91936\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip

C:\Users\91936>--upgrade pip
'--upgrade' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\91936>cd AppData
C:\Users\91936\AppData>cd Local\Programs\Python\Python310\python.exe
The directory name is invalid.

C:\Users\91936\AppData>C:\Users\91936\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip
Requirement already satisfied: pip in c:\users\91936\appdata\local\programs\python\python310\lib\site-packages (22.2.1)
Collecting pip
  Using cached pip-22.3-py3-none-any.whl (2.1 MB)
Installing collected packages: pip
  Attempting uninstall: pip
    Found existing installation: pip 22.2.1
    Uninstalling pip-22.2.1:
      Successfully uninstalled pip-22.2.1
Successfully installed pip-22.3

C:\Users\91936\AppData>pip install flask
Requirement already satisfied: flask in c:\users\91936\appdata\local\programs\python\python310\lib\site-packages (2.2.2)
Requirement already satisfied: click>=8.0 in c:\users\91936\appdata\local\programs\python\python310\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: Jinja2>=3.0 in c:\users\91936\appdata\local\programs\python\python310\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\91936\appdata\local\programs\python\python310\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\91936\appdata\local\programs\python\python310\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: colorama in c:\users\91936\appdata\local\programs\python\python310\lib\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\91936\appdata\local\programs\python\python310\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)

C:\Users\91936\AppData>flask --version
Python 3.10.6
Flask 2.2.2
Werkzeug 2.2.2

C:\Users\91936\AppData>_
```

```
File Edit Selection View Go Run Terminal Help flaskapp.py - 1. Setup App Environment - Visual Studio Code

EXPLORER
OPEN EDITORS
  Get Started
  flaskapp.py Cod...
1. SETUP APP ENVIRONME...
  Code Section
  > _pycache_
  flaskapp.py
  IBM CLOUD ACCOUN...

Code Section > flaskapp.py > ...
1 from flask import Flask
2
3 app=Flask(__name__)
4
5 @app.route('/')
6 def home():
7     return "<h1>Hello! This is Flask App<h1>"
8
9 if __name__=="__main__":
10     app.run(debug=True)
11
12

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\91936\Documents\IBM NALAYATHIRAN\PROJECT FLOW\1. Setup App Environment\Code Section> flask run
Usage: flask run [OPTIONS]
Try 'flask run --help' for help.

Error: Could not locate a Flask application. Use the 'flask --app' option, 'FLASK_APP' environment variable, or a 'wsgi.py' or 'app.py' file in the current directory.
PS C:\Users\91936\Documents\IBM NALAYATHIRAN\PROJECT FLOW\1. Setup App Environment\Code Section> flask --debug run
Usage: flask run [OPTIONS]
Try 'flask run --help' for help.

Error: Could not locate a Flask application. Use the 'flask --app' option, 'FLASK_APP' environment variable, or a 'wsgi.py' or 'app.py' file in the current directory.
PS C:\Users\91936\Documents\IBM NALAYATHIRAN\PROJECT FLOW\1. Setup App Environment\Code Section> flask --app flaskapp --debug run
* Serving Flask app 'flaskapp'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 949-063-232
```

