

NATURAL DISASTERS INTENSITY ANALYSIS AND CLASSIFICATION

USING ARTIFICIAL INTELLIGENCE

PNT2022TMID00314

Run The Application:

- It will show the local host like where your app is running on <http://127.0.0.1:8000/>
- Copy that local host URL and open that URL in the browser. It does navigate me to where you can view your web page.
- Firstly, it shows home page with dashboard as home, introduction & open with cam.
- Click on open with cam button, Camera will be opened on the device. Then show some images of Natural Disasters like Cyclone, Floods, Wildfire & Earthquake, the model will predict images which belongs to that particular Category.

```
PROBLEMS OUTPUT TERMINAL JUPYTER DEBUG CONSOLE Python + v [ ] X
Microsoft Windows [Version 10.0.22621.819]
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C:\Users\paramesh reddy\Desktop\Walayathiran_p2>"C:/Users/paramesh reddy/anaconda3/Scripts/activate"

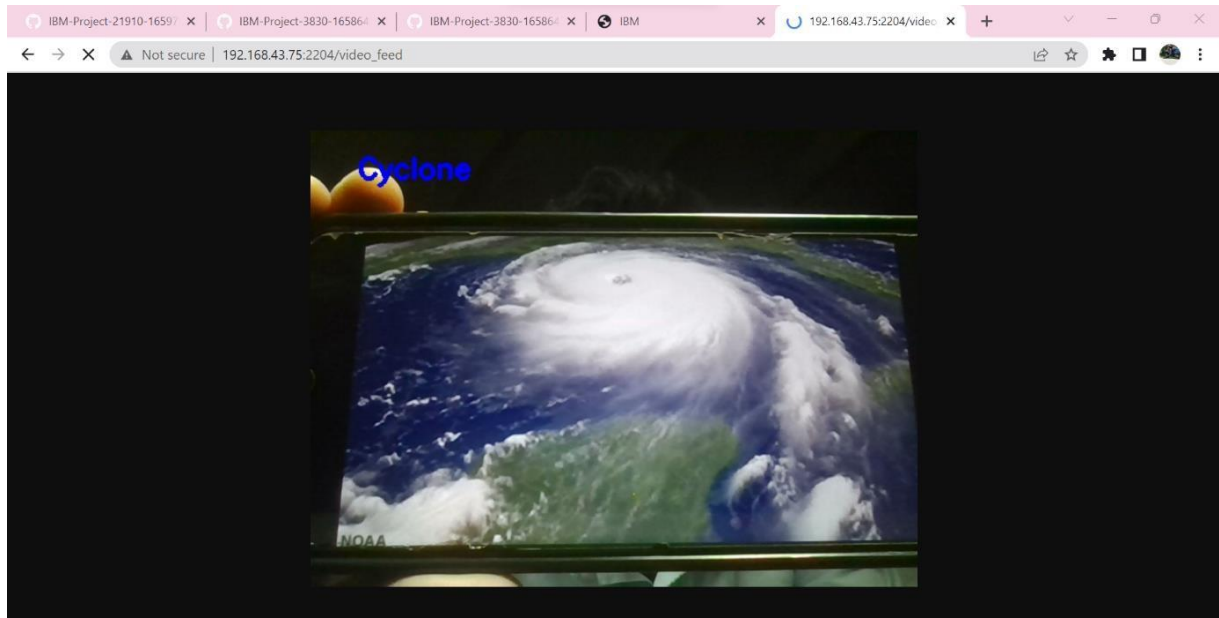
(base) C:\Users\paramesh reddy\Desktop\Walayathiran_p2>conda activate tensorflow_28

(tensorflow_28) C:\Users\paramesh reddy\Desktop\Walayathiran_p2>"C:/Users/paramesh reddy/anaconda3/envs/tensorflow_28/python.exe" "c:/Users/paramesh reddy/Desktop/Walayathiran_p2/app.py"
2022-11-19 08:43:01.641625: I tensorflow/core/platform/cpu_feature_guard.cc:193] This TensorFlow binary is optimized with oneAPI Deep Neural Network Library (oneDNN) to use the following CPU instructions in performance-critical operations: AVX AVX2
To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
* Serving Flask app 'app' (lazy loading)
* Environment: production
```

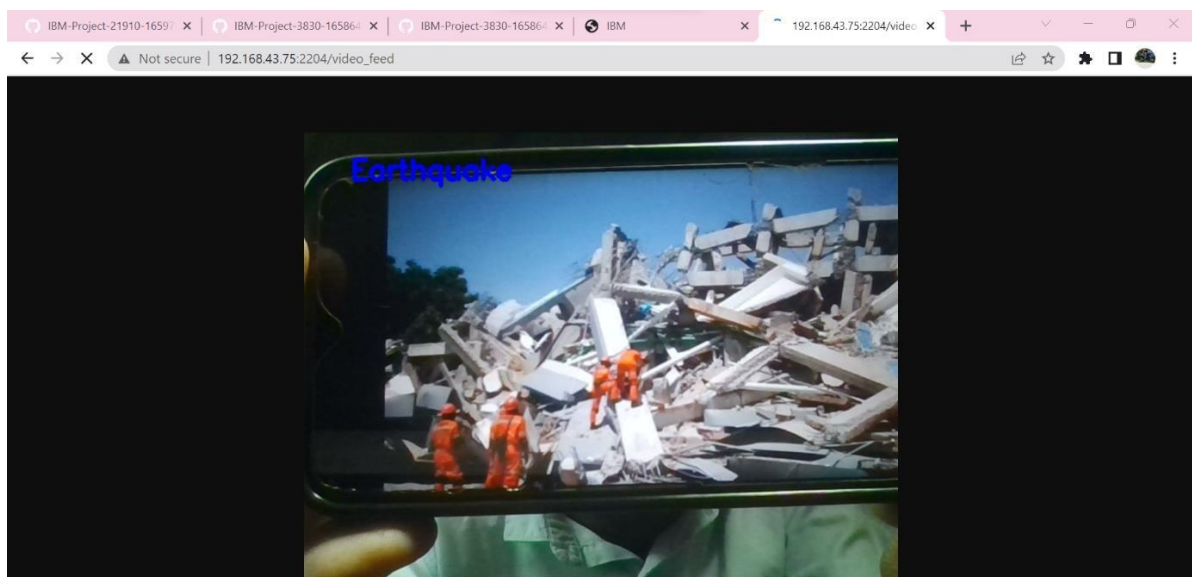
```
(tensorflow_28) C:\Users\paramesh reddy\Desktop\Walayathiran_p2>"C:/Users/paramesh reddy/anaconda3/envs/tensorflow_28/python.exe" "c:/Users/paramesh reddy/Desktop/Walayathiran_p2/app.py"
2022-11-19 08:43:01.641625: I tensorflow/core/platform/cpu_feature_guard.cc:193] This TensorFlow binary is optimized with oneAPI Deep Neural Network Library (oneDNN) to use the following CPU instructions in performance-critical operations: AVX AVX2
To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
* Serving Flask app 'app' (lazy loading)
* Environment: production
WARNING: This is a development server. Do not use it in a production deployment.
Use a production WSGI server instead.
* Debug mode: off
* Running on all addresses.
WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://10.1.56.220:2204/ (Press CTRL+C to quit)
```

OUTPUT:

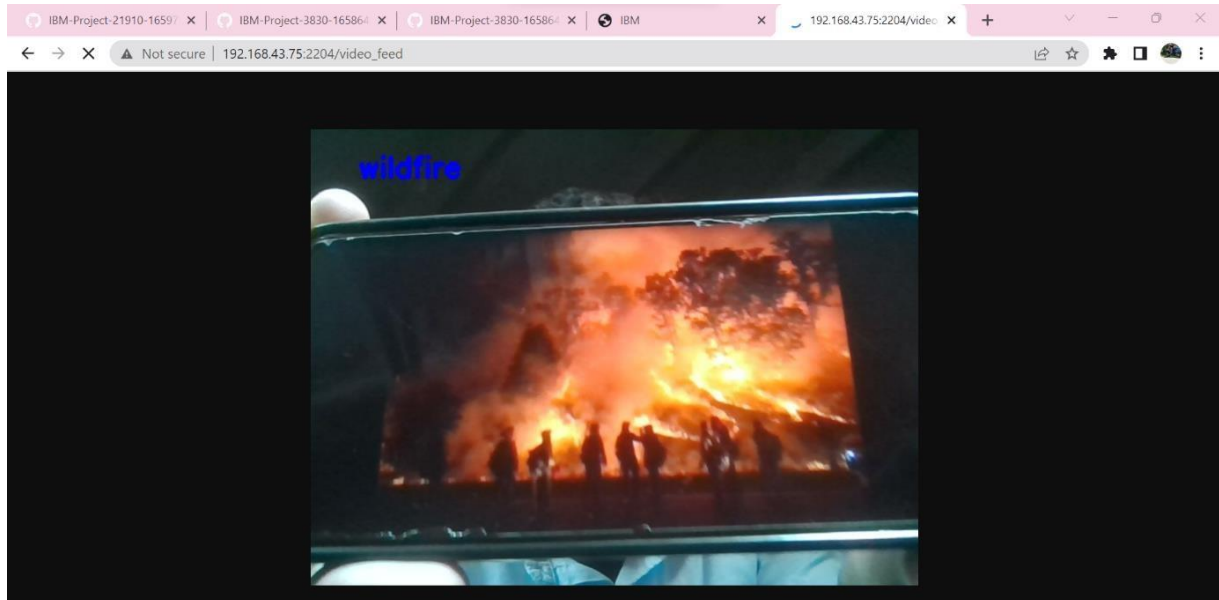
1.Cyclone:



2.Earthquake:



3. Wildfire:



4. Floods:

