DOMINATORS PRESENT

Cymatic Scan
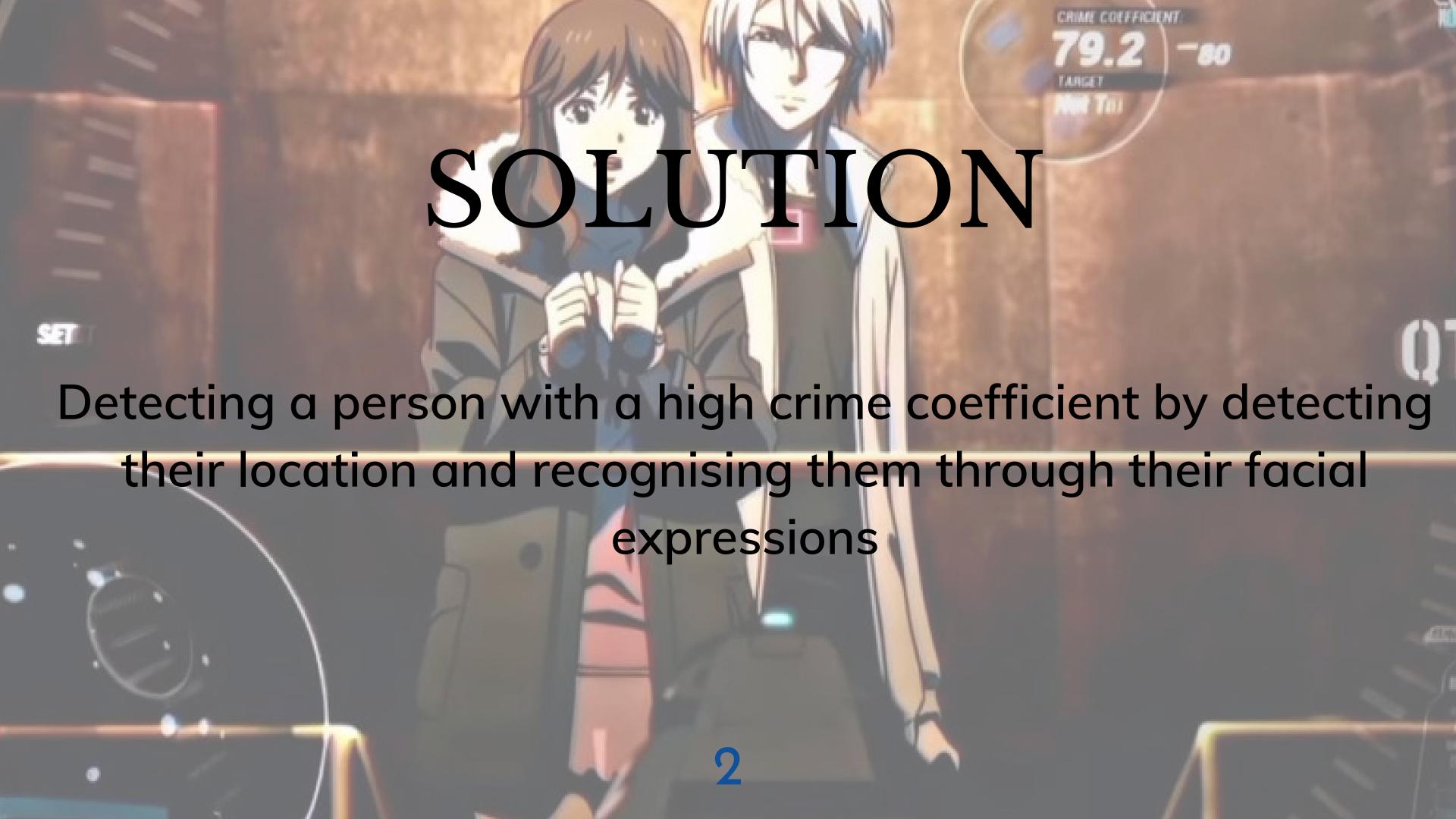
AI APPLICATION IN EDUCATION

PROBLEM SATEMENT

- Even if parole releases them, serial killers are compelled to commit new murders.

- In order to minimise the number of murders, there is no system in existence that monitors their whereabouts and identifies their operational hub.

SOLUTION

Detecting a person with a high crime coefficient by detecting their location and recognising them through their facial expressions

DATASET REQUIRED

Link to the dataset that we used in our project:

https://www.kaggle.com/datasets/vesuvius13/serial
-killers-dataset

RESOURCES REQUIRED

Hardware

HD webcam
Gtx 1050ti

Software

Opencv, Dlib, Face_recognition, Deepface, Speech_recognition os, Matplotlib, Seaborn, Pandas, Folium, Geocoder, and Socket

TEAM TASK DISTRIBUTION AND COORDINATION

Ayushman:
E21CSEU0245

Project visionary and Ai developer

Satya:
E21CSEU0255

SDE and Data science developer

Akshat:
E21CSEU0164

Front end developer and shared resource
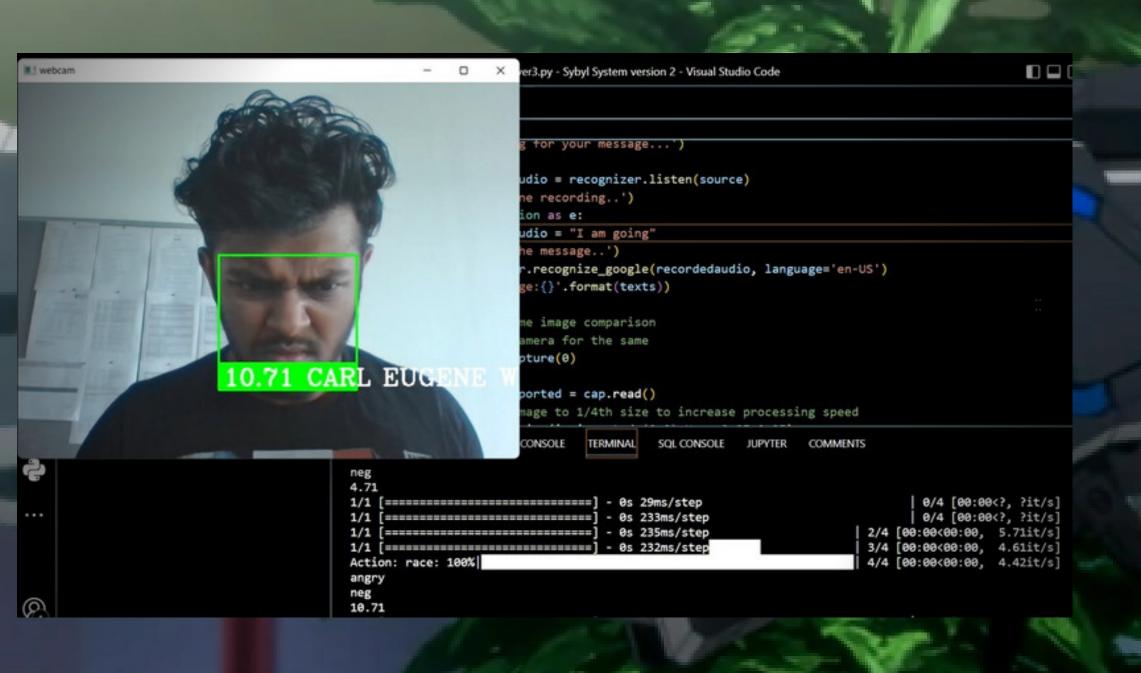
Ankit:
E21CSEU0184

Graphical designer and Python developer

FACIAL AND SPEECH RECOGNITION

FACIAL AND SPEECH RECOGNITION

webcam

4.71 CARL EUGENE WATT

er3.py - Sybyl System version 2 - Visual Studio Code

```
g for your message...')

audio = recognizer.listen(source)
e recording..')
ion as e:
udio = "I am going"
e message..')
r.recognize_google(recordedaudio, language='en-US')
ge:{}'.format(texts))

e image comparison
amera for the same
pture(0)

orted = cap.read()
mage to 1/4th size to increase processing speed
```

CONSOLE   TERMINAL   SQL CONSOLE   JUPYTER   COMMENTS

```
Action: race: 100%|                    | 4/4 [00:00<00:00,  4.50it/s]
neutral
neg
4.71
1/1 [==============================] - 0s 29ms/step      | 0/4 [00:00<?, ?it/s]
1/1 [==============================] - 0s 228ms/step     | 0/4 [00:00<?, ?it/s]
1/1 [==============================] - 0s 234ms/step     | 2/4 [00:00<00:00,  5.81it/s]
1/1 [==============================] - 0s 247ms/step     | 3/4 [00:00<00:00,  4.69it/s]
Action: race: 100%|                    | 4/4 [00:00<00:00,  4.45it/s]
neutral
neg
4.71
```

OUTLINE

HEAT MAP GENERATION

Criminal Database

Login root
Password root

Login

Criminal Database

Name	Anni
Country	America
Years Active	2021
Proven Crimes	2
Possible Crimes	3
Notes	this is a sample

Upload File

Register Criminal

```
mysql> select * from criminals;
+--------+---------+--------------+---------------+-----------------+----------------------+
| Name   | Country | Years_Active | Proven_Crimes | Possible_Crimes | Notes                |
+--------+---------+--------------+---------------+-----------------+----------------------+
| xasda  | sdcvcds | cscs         | csdcds        | c sdcvsd        | cascascasd           |
| Anni   | America | 2021         | 2             | 3               | this is a Sample data|
| Anni   | America | 2021         | 2             | 3               | this is a Sample data|
```