**PROBLEM STATEMENT**

To develop one desktop application that can be used for the purpose of finding Missing People and Detecting criminals from Images and Videos. That application is helpful for our police department they can use one application for storing different records and use those records for identifying the wanted persons.

**SUB DIVISION OF PROJECT**

* Develop a browser-based application or a native mobile application to demonstrate the application of Face Recognition technology for Finding mission people.
* Develop a browser-based application or a native mobile application to demonstrate the application of Face Recognition technology for Preventing crime.

**Goals:**

* Develop an application that can detect criminals and missing persons from Images.
* Develop an application that can detect criminals and missing persons from Videos or CCTV footage.
* Develop an application that can detect criminals and missing persons from live CCTV footage.
* Develop a notification or SMS system for giving alert to Police or aw enforcement authority.
* Build a secure UI/UX so that only registered or signed-up people can access the application.
* In that application, Users can register new Criminal and new Missing persons.

**IMPLEMENTATION INSTRUCTIONS**

* DOWNLOAD ZIP FILES FROM THIS GITUHUB REPOSITORY
* MAKE SURE YOU HAVE THE FOLLOWING SOFTWARE INSTALLED IN YOUR SYSTEM

1. PIP
2. MySQL

* RUN THE FOLLOWING COMMAND ON YOUR CMD

1. Pip install pillow
2. Pip install twillio
3. Pip install pymysql
4. Pip install opencv-python
5. Pip install opencv-contrib-python

* INSTALL ALL THE MISSING LIBRARY USING PIP , IF THERE ARE ANY
* NOW, OPEN MYSQL AND TYPE THE FOLLOWING COMMANDS

1. Create database criminaldb
2. Create table
3. To view what you created, type the command <Select \* from criminaldata ;>
4. In dbhandler.py file complete retrieved data and put data function pymysql.connect() function by filling in the required details of your sql
5. Then enter details of your twilio account after setting it up in sms.py file
6. All your detected images will be shown in the face\_samples folder

**Now, you are all ready to start this application**

**Finally, Run home.py file and take advantage of awesome features of my criminal detection application**