

VIRTUAL

YOUR PERSONAL POLICE ASSISTANT



COP





**ER. RITIKA
SHARMA**

Backbone of TechDhronas



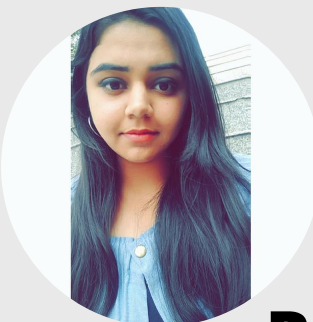
**SHREYA
SHARMA** ★

Machine Learning



**NITIKA
SHARMA**

Front-end & Chatbot



**AAKRITI
GUPTA**

Backend developer



Spark...
The Change

TEAM TECH DHRONAS

MAHARAJA AGRASEN
INSTITUTE OF
TECHNOLOGY
HIMACHAL PRADESH



**ER. MADHU
ANAND**

Backbone of TechDhronas



**KARTIK
SAGAR**

Blockchain and Animations



**PRASHANT
VERMA**

Backend Developer



**BHAKTI
RAJ**

VR and CyberSecurity

Problem Statement

We aim to develop a virtual Police Station enabled with :

1. An Interactive Police officer
2. Converting complaint to legal FIR
3. Verification of the complainant through Aadhar
4. Allowing OCR and digital signature of SHO



CURRENT SCENARIO



There is a huge manpower shortage in the police department. The police-population ratio, currently 192 policemen per lakh population, is less than what is recommended by UN

<https://www.livemint.com/news/india/india-s-police-force-among-the-world-s-weakest-1560925355383.html>

Petitioners are encouraged to file online complaints with the police to prevent them from unnecessarily venturing out of their houses.

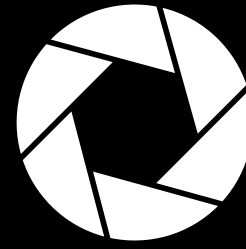
<https://www.thehindu.com/news/cities/chennai/avoid-visiting-police-station-make-an-online-complaint/article31620672.ece>

Instances of sexual violence in India seem to be on a decline even though only a fraction of them is actually reported to the police

<https://www.livemint.com/Politics/AV3sIKoEBAGZozALMX8THK/99-cases-of-sexual-assaults-go-unreported-govt-data-shows.html>

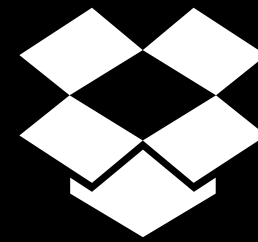
OUR SOLUTION

Register FIR online with a click.



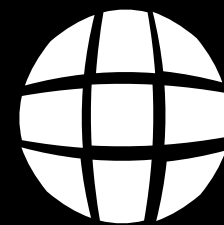
Register FIR with Google assistant and VR.

Blockchain for securing the user database.



Emergency Button to locate the user in case of Emergency.

Upload evidences online.



Big Data Analysis to analyze crime affected areas.

And the list still does not end here...

WHO IS IN THE PICTURE?

User : To register the complaint in order to be served justice

Facilitator : Duty to approve the genuinity of crime.

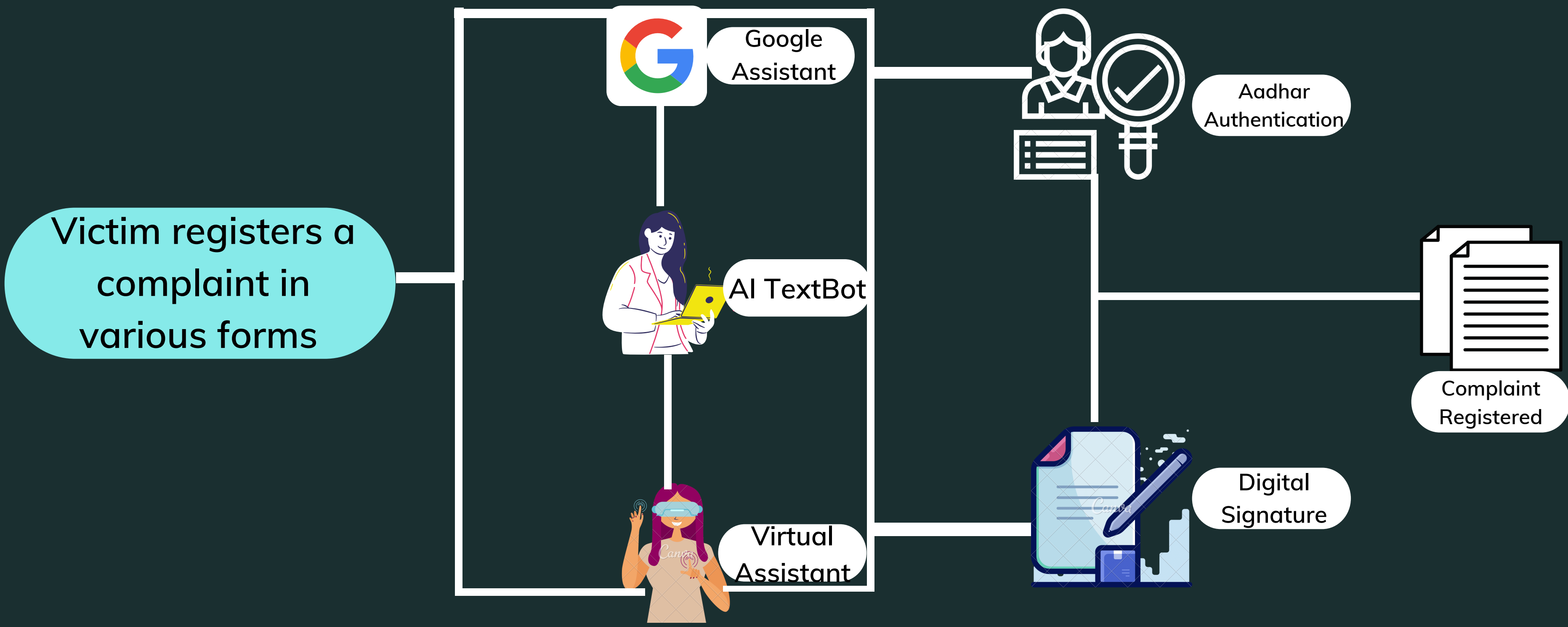
SHO : To File the FIR by adding digital signature

SP : In case SHO declines the complaint then SP will deal with the complaint

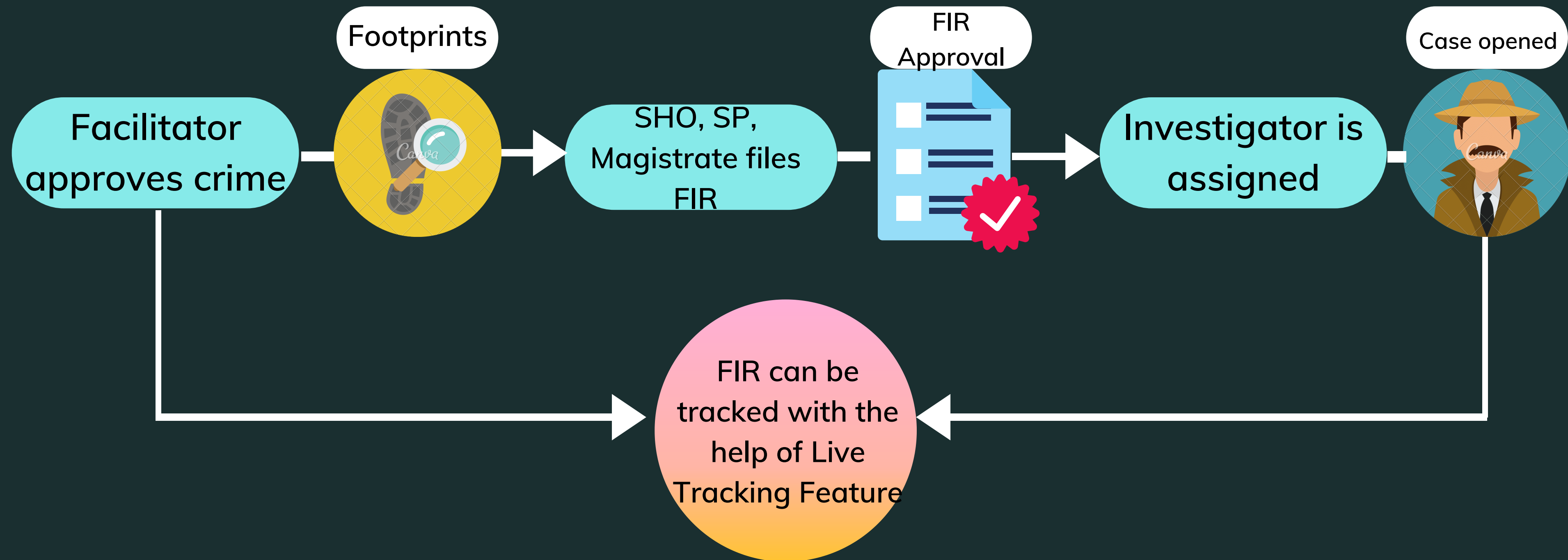
Magistrate : In case SP declines the complaint then User can request magistrate to file the FIR by paying a small Amount.

Investigator : Helps Police in investigating the evidences

SEE HOW IT WORKS!



SEE HOW IT WORKS!



SEE HOW IT WORKS!

On 19/08/2012 at 10:00 AM Case No. 19/PC/2012-6882

FIRST INFORMATION REPORT
(Under Section 154 and 157 Cr.P.C.)

1. District : Raigarh Year : 2012 FIR No : 212/2012 Date : 18-08-2012

2. P.S. : Bhongir To Acts and Section : 420-IPC

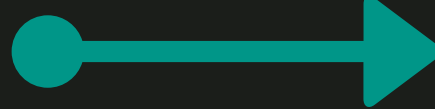
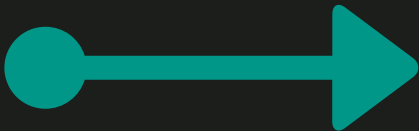
3. a) Occurrence of offence : Days : THURDAY Date From : 26-NOV-1999 Date To :
Time Period : Time From : 00:00 Time To :
Prior To :
b) Information received at PS : Date : 18-AUG-2012 Time : 16:00
c) General Diary Reference : Entry No. : 2 Time : 16:00

4. Type of Information : Reported by magistrate

5. Place of Occurrence : (a) Distance and direction from PS : 1 km, North Seat No. : 3
(b) Place : Sub-Registrar office
Street/Village : Sub-Registrar office, Bhongir
Area/Mandal : Bhongir
City/District : Raigarh
State : ANDHRA PRADESH Pin :
(c) If Outside the limits to this Police Station, then the name of concerned police station :
District :

6. Complainant / Informant :
(a) Name : Erenja Penta Chary
(b) Father's / Husband's Name : E. Narasimha Chary
(c) Date / Year of Birth : Age : 57
(d) Nationality : INDIAN (e) Caste :
(f) Passport No : Date of Issue : Place of Issue :
(g) Occupation : BUSINESSMAN
(h) House No : 10-1-99/2/21A, Flat No. 103
Street/Village : Bhagyanagar colony, road No. 4, Sarsonnagar, Hyd
Mandal : Sarsonnagar
District : Cyberabad
ANDHRA PRADESH Pin :

No. of Pages : 1
No. of Corrections :
Examiner :

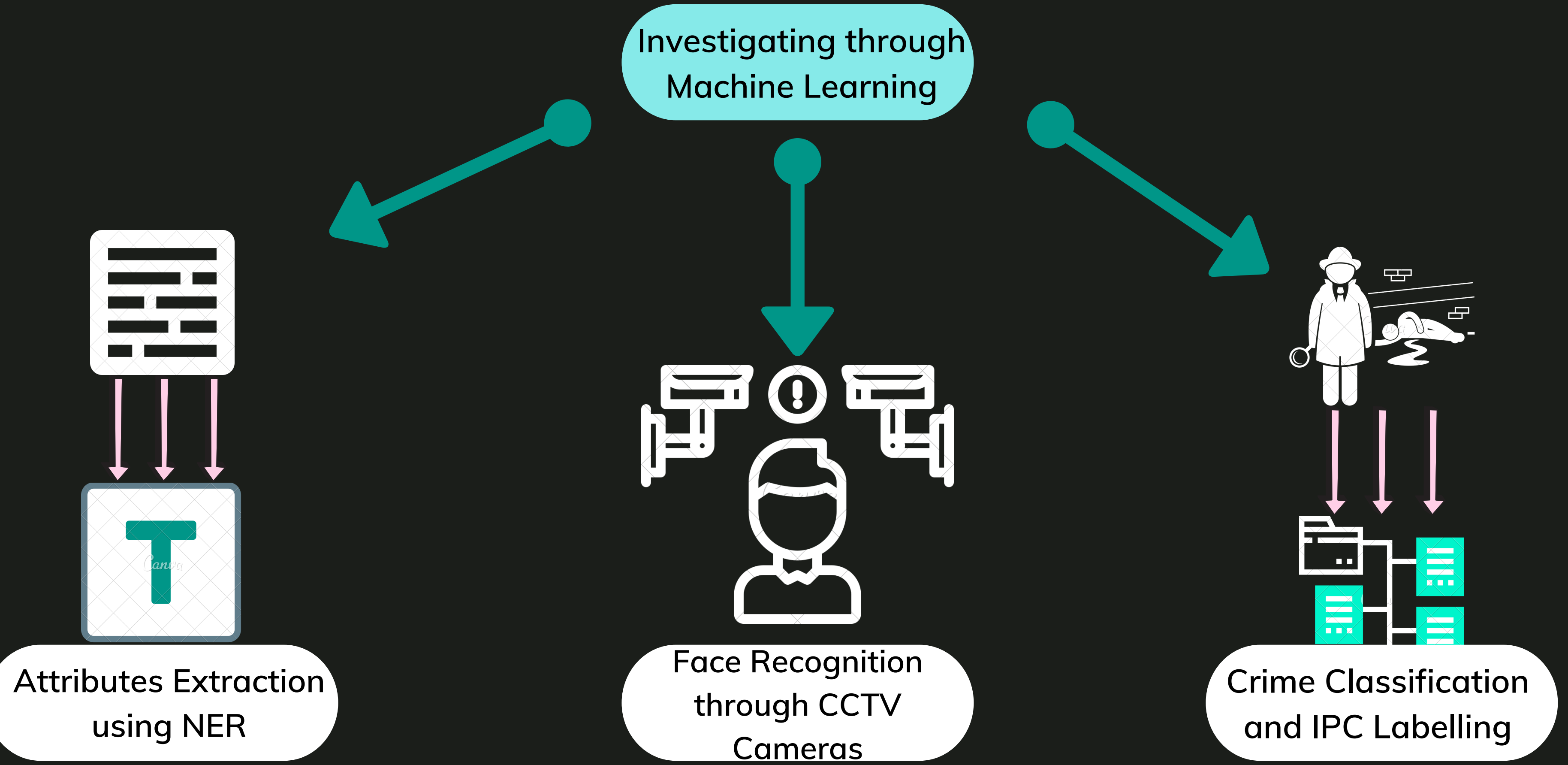


Recorded FIR

Encryption of Data
using Cypher Algorithm

Submission of the data in
CCTNS

SEE HOW IT WORKS!



THANK YOU.