**ANONYMOUS TIP-OFFS REPORTING AND VERIFICATION PORTAL**

**Steps To Approach the Problem:**

1)    Creating a user-friendly secure online platform which analyses the tip offs in real time based on priority, meaning fire outrage will be given more priority than a robbery.

2)    Users will be given a choice to maintain their anonymity, in case not we would not collect their cookies. However, we will be taking a small number of metadata from the informer so that if there is a matter of national security then the concerned authorities will be able to track the person.

3)    A declaration will be provided to the reporter insisting that it is imperative to provide correct and accurate details which will be encrypted and saved to our secure cloud database. The data collected by the user will not be misused.

4)    There will be a navigation pane which will contain broad categories of the crimes and suspicious activities and according to the selection different types of questions will be asked according to the category of the tipoff reported.

5)    To find out if the problem is genuine by real time analysis using sample techniques. If false information is recorded from a mac address frequently then our dedupe check will reject the information provided.

6)    If the information is provided in the form of video, audio or images then real time verification will be done by streaming data analytics and the textual information will be verified through web crawling and scraping techniques on various trusted resource websites.

7)    The final verification (if needed) will be done by satellite imaging / CCTV cameras by extracting the longitude and latitude of the reporter using APIs like WhoIsLookup.

8)    If we find the information strongly accurate and we are confident about it then the crime branches in that radius will be detected, and the information will be sent to them with all the data collected.