ZEONIC
ALWAYS WATCHING!!

ABSTRACT OF THE PROJECT

EXECUTIVE SUMMARY –

Problem Statement:

We have huge amounts of **video footage data**, which has been recorded in the video cameras from all around this city. In addition to that, by the help of this footage the law enforcers are be able to catch/identify the culprits or any susceptive behavior person. But, the main problem with this type of process is, it takes **large amount of time** in order to search and watch the moves and the behavior of the **one particular person in a huge crowd** of 1000 people

Solution Overview:

Our solution aims to save the precious time of our user by **avoiding tiresome journey** involved in watching the **hours of the footage** of the moves and the behavior of the person. By the help of our automated software, we will detecting the **different faces** of the persons who are present in the video and we will be **comparing these faces** with the **inputs** which are given by the user to the software and if any of the faces match the inputs given by the user then we are going to send a **notification or alert to the user** in the form of an **message**. I this way, our software is going to **decrease the time required in searching** and it will be able to **assist the law enforcers** and be able to catch the person within the time to **stop a disaster from occurring.**

Technology Overview:

Now coming to the **development part**, how we are going to build this software by the help of the **openCV library** we are going to **detect the faces** of the persons in the video and then we are going to build **our own software** and in this software we are going to pass **different parameters** like – the **tone of the person** is white, the color of the **shirt is black** and also like he is **wearing glasses** and etc. And we can also directly **pass the face of the person** to the software and it will **compare it with the real time persons**. After the video processing is done, the software will provide the **similar persons to the user**, which are based on the **input given by the user**. The user will receive a **notification on the phone** when the whole processing is done and whether the face is detected or not.

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