

CHAPTER 3

SYSTEM ANALYSIS

It is evident from the research of the existing systems that there is a need for advanced and most feasible version for the crime detection system. The solutions which are currently available may provide a wide area of knowledge and satisfy the urgent needs of people. It's to be believed that the current technologies have multiple tech solutions enabled which can be challenging . Python has been proven to implement latest technologies with the help of modules such as OpenCV for crime detection. Python's easy to understand code complexity and inbuilt modules makes it a feasible choice for programmers. Imbibing the likes of HTML,CSS & BOOTSTRAP, provides users a platform for accessing our application using website.

4.1 ADVANTAGES

- Enabling the project with Python improves Productivity and increases Versatility
- ADABOOST algorithm reduces the time complexity of the process.
- Highly accurate
- Provides high security with alarms