

A

Report on

SMART HOME SECURITY SYSTEM

A report submitted for the partial fulfillment of the requirements for Mini Project of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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MINI PROJECT

(SMART HOME SECURITY SYSTEM)

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SMART HOME SECURITY SYSTEM

ABSTRACT

Home security has become a prime concern in Recent years. As the technology is emerging every second, home based security systems have been developing and Implementing with many modern features to keep the home safe. Crime is increasing day by day and people have less time to spend at their houses. Now it has become a matter of great Concern. While remaining in outside, people become tensed About their house safety. For this nowadays, security guard has Become a common figure for home maintenance. This paper Presents a smart home security system, which can prevent Crime like robbery, kidnapping, murder etc. Nowadays many People have more than one android mobile because of various facilities and low cost of android devices. By this system, they can utilize their old unused android phone for home security. In this system, user will get real-time status of his house weathers it is secured or not and any unwanted motion occurred in the house can be detected by the PIR sensor. This system also includes a facility of anti-theft door security system. If anyone enters in the house, an alarm will be ON and a notification will be send to the user's phone .For being notified, user needs to install an application in his android smartphone, which communicates with a cloud server .By using this smart home security system, user can be alerted any time weather staying anywhere in the world .