

REQUIREMENTS

1. INTRODUCTION

Door Sensor Alarm System is a project that enables to sense the Door is open or closed. This project can be use in home , organisation , and many other places.

This project is implemented in C. C is a platform independent language. Its created project can be used on a standalone machine.

2. OBJECTIVE

The objective is to construction an electronic circuit that acts as a watch dog. It is used to protect a door. It sounds an alarm when the door is open. Alerting you if someone opens, or tries to open , the doors in your home.

3. 4W and 1H

Who

Anyone can use Door Alarm System in home, in hospital, in any organization , and a door of a car.

What

Door Alarm System can be very effective home security device.

Why

This project uses simple functions. It is very easy to work.

Where

This Project is used in any entry point in home and some other front door.

How

By using atmega328P microcontroller it can be achieved.

This Project requires a lost cost of development.

4.Detail requirements

High Level Requirements

In this Project we use a atmega328P microcontroller , a LED , an audio out device and a resistor.

1.This can be use in door of a car. If door of a car is open then this buzzer will produce sound and LED will glow.

2.This can be use in a home for security purpose. alerting you if someone tries to open the door.

Low Level Requirements

This project can be implemented by using c language in both windows and linux os. # Implemented