

# ABSTRACT

The need for door sensor alarm system is a serious demand. As the number of crimes are increasing every day, there has to be something that will keep us safe. We are all aware of the high end door sensor alarm present in the market. But they are not easily available to everyone. We therefore intend to provide a solution by constructing a cost efficient electronic system that has the capability of sensing of door is open or closed and setting off the alarm. The basic idea behind this project is that when door is open then it will produce sound. And LED will glow.

The project involves the use of atmega328p microcontroller, Audio Out Device, LED , resistor and a simple program.