HOME AUTOMATION USING DTMF WITH SECURITY SYSTEM

BATCH NO: B-12
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ABSTRACT:

The atomization process is must for the implementation of this project. Now a day’s we need security for all, like home, industry, shopping malls etc. We can ON/OFF the devices from the distant place by using GSM technology. This system is useful for security system. The main Aim of the project is to control all home appliances threw a Mobile Phone. Mobile Phone is the minimum requirement of the every person. Here just we make cal from any mobile to the system it will respond easily.

“Real Time Parameter Controlling for Small Scale Industries” is one of the useful and informative equipment needed for atomize the whole industry like employee count, security for restricted area, Temperature control, Automatic machinery control and etc.

The objective of this project is to design a simple, easy to install, microcontroller-based circuit can be useful for security purpose. If any person with permission enters into the house an immediate message is been sent to the Owner.

For mobile key pressings we are using DTMF (dual tone multiple frequency). When we press any key the corresponding row and column frequencies are transmitted simultaneously and discriminated and decoded at the receiving end. The use of easily available components reduces the manufacturing and maintenance costs. The design is quite flexible as the software can be changed any time.

Signature of coordinator          Signature of guide