

SYNOPSIS

This paper discusses about IoT and it can be used for realizing smart home security using node mcu(ESP 8266). This system consists of a reed switch and mobile phone with blynk application. Node mcu is connected to mobile via wifi. The wireless application is user friendly improves efficiency and lifestyle. The system successfully overcomes the drawbacks in Bluetooth and ZIGBEE technology .Internet of Things (IoT) is one of the promising technologies which can be used for connecting, controlling, monitoring and managing intelligent objects which are connected to Internet through an IP address.

In a normal door there is a none security alert. After that it is connected throw Bluetooth if a user in a particular range can get a notification about the door status.

Application stranging from smart governance, smart education, smart agriculture, smart healthcare, smart home etc. can use IoT for effective delivery of services without manual intervention in a more effective manner.

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