Anti-Theft Security System

The "Anti-Theft Security System" is a project made using Arduino Uno R3.The Arduino is an open-source microcontroller board which can be programmed to control various electronic devices. In this project, we will be using Arduino Uno R3 and various devices to build an Anti-Theft Security System.

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OVERVIEW

The "Anti-Theft Security System" is a project made using Arduino Uno R3.The Arduino is an open-source microcontroller board which can be programmed to control various electronic devices. In this project, we will be using Arduino Uno R3 and various devices to build an Anti-Theft Security System.

IMPLEMENTATION DETAILS

An anti-theft security system is a device that helps protect valuables and property from theft or damage. It is designed to detect and respond to potential threats by glowing an LED or a bulb and sending alerts to the user. An anti-theft security system can be used in homes ,offices , vehicles, and other places where security is a concern.

In this project, we will be using an Arduino Uno R3 board to build an anti-theft security system. The system will use an ultrasonic sensor to detect any object in front of it, and if an object is detected within a certain range, an LED or bulb will be activated to alert the user.

GOALS

1. To design and build a cost-effective and reliable security system using Arduino Uno R3 microcontroller board.
2. To detect entry or disturbance into a protected area or a room and detect the signal.
3. To incorporate various sensors such as PIR motion sensors, ultrasonic sensors and gas sensors to detect and glow the LED or bulb.