PIR ARDUINO MOVEMENT SENSOR ALARM

(FOR KIDS' DETECTION)

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ABSTRACT

This project is about motion detection using Passive Infrared Sensor (PIR) movement sensor. This project aim to build a sensor system which will turn on the alarm and light. When the sensor triggered, the signal will transmit for future action. In this project, we will relate this sensor system with an auto alarm. Which mean when the sensor was triggered, the buzzer will make sound. For the controller circuit part, the Arduino Uno are used to control the circuit. The objectives of this project are to ensure kids' safety, to study the operation of PIR motion sensor alarm system and how to use software to simulate circuit. After done some research from the internet, and advice from lecturer, tools and equipment are identified to complete the project.

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