

FINAL PROJECT IDEA

Control the electrical circuit using
the motion sensor.



Done by:

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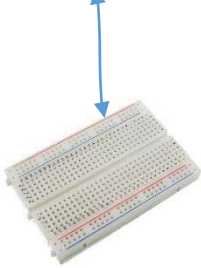
Problem Statement


Is not it nice to have a device that lights your room to turn on and turn off the lights in your room when you go out or enter the room?

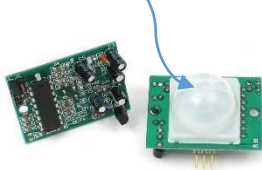
For my final project, I will use the PIR Sensor to detect any movement occurring in a 20-foot orbit, which can monitor movement from 20 feet. I will also use the Relay to connect room lamps, for example, in order for Relay to control the power of the lights. And of course the Arduino, which is the heart of the project, I will program it to accomplish its mission successfully. Maybe I will be able also to improve it to do a security device against theft, or a device that runs your favourite music while in the room.

Materials

 Breadboard



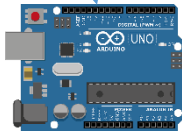
 Pir sensor



 Relay



Arduino



Jumper Wires



LED



Computer

