



AUTOMATED STREET LIGHT SYSTEM

-USING ARDUINO

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About the Project

This project is about Smart Street Light, street light will turn on while vehicle is passing through it. Here we are using IR sensors that senses the position of the vehicle, each IR sensor controls LED's. When vehicle passes by a particular IR sensor it senses the position of vehicle and gives signal to the arduino board and it will turn on the LED's.

ADVANTAGES:

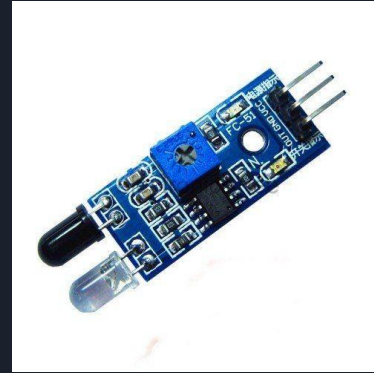
By implementing this idea we can help in reducing consumption of more electricity and money.

Components Required

1. Arduino Uno Board



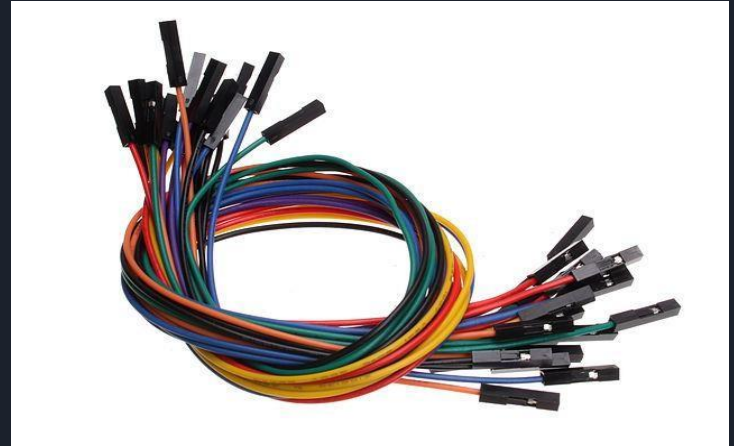
2. IR Sensors



3. LEDs



4. Jumper Wires



Total cost estimated
- Approx 2.5k



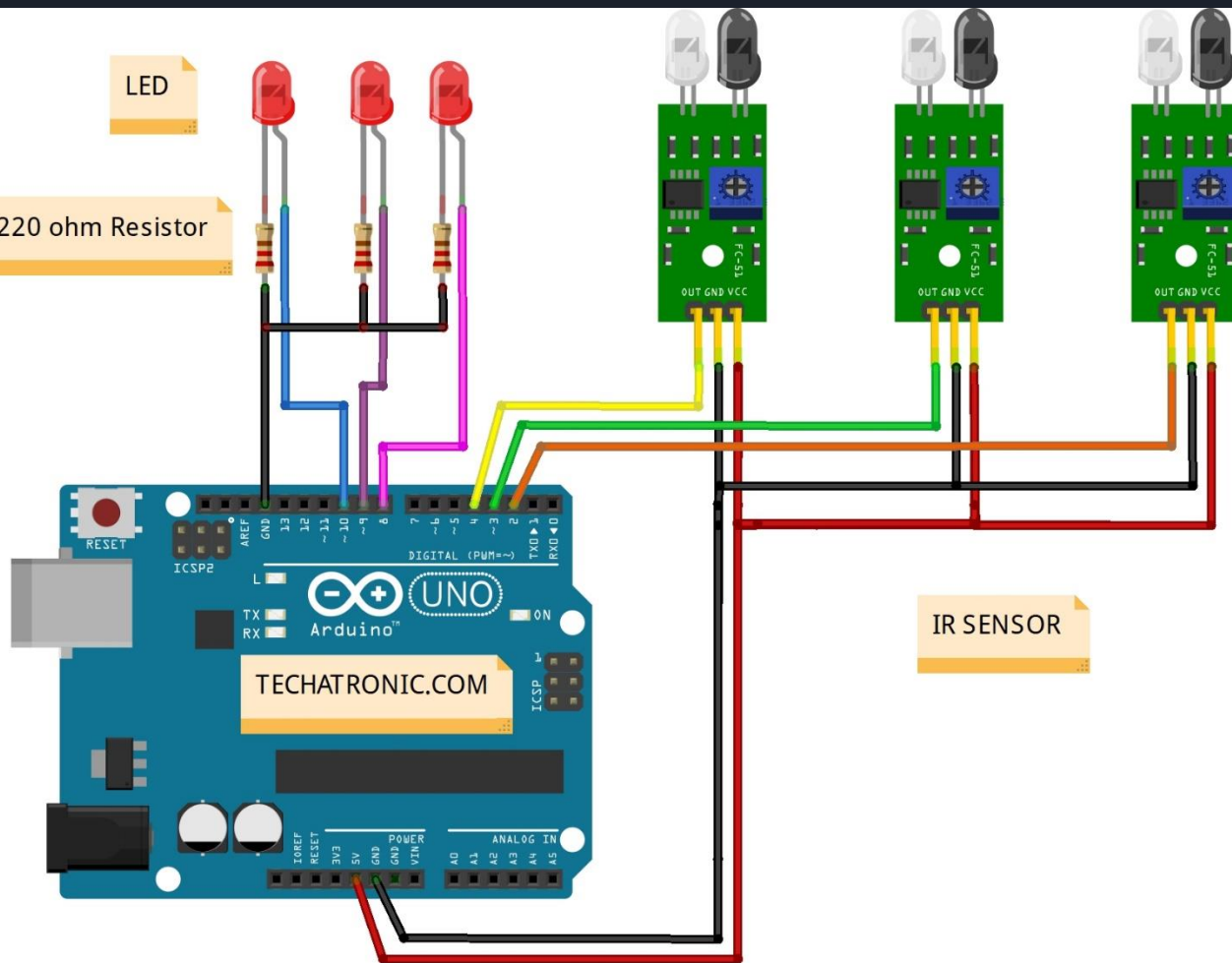
Software used

- Arduino IDE



LED

220 ohm Resistor



IR SENSOR

Working

