TRAFFIC LINES CONTROL

Requirements

1 x 10k-ohm resistor-3

LED (Red ,Yellow, Green)

AVR (automatic voltage regulator)

Atmega328 microcontroller

push buttons

The motivation for developing Traffic control system come from many reasons but the biggest motivation behind Automatic Traffic Light Control system is the convenience. Convenience is really another way of saying "time saver" and in today's world where everything moving faster, every second has value. Most of the technology we use today is based of convenience, for example phones get us information from other people faster. The main aspiration of the designed system is to compute total traffic density at targeted area which is then further used to reduce the traffic congestion caused by vehicles. During the busy hours of a day, the traffic is at its peak and there are various problems related to traffic congestion. One such problem is fuel consumption.
Traffic lights are a very important. This project will be very useful and will be widely used. It can be implemented where ever necessary