Customer Requirements

**STO**

**ـــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــ**

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# 

# Project Description:

Definition:

Organize the traffic based on the car capacity. In the normal traffic control, we have 3 colored LEDs; based on specific timer the system toggle between these LEDs. Instead of waiting only for the timer, we can detect the number of cars to help reduce crowding.

Features:

* The traffic light is controlled by counter and detected cars number.
* The traffic counter doesn’t exceed 30 sec whether the counter is effective or it’s just the counter.
* The Traffic controller device will communicate with administrator in case of any issues like volt and heat.