

## On demand Traffic Light Project

### System Description:

It is a system for a traffic light controlling it, in two modes

the first mode is the Normal mode

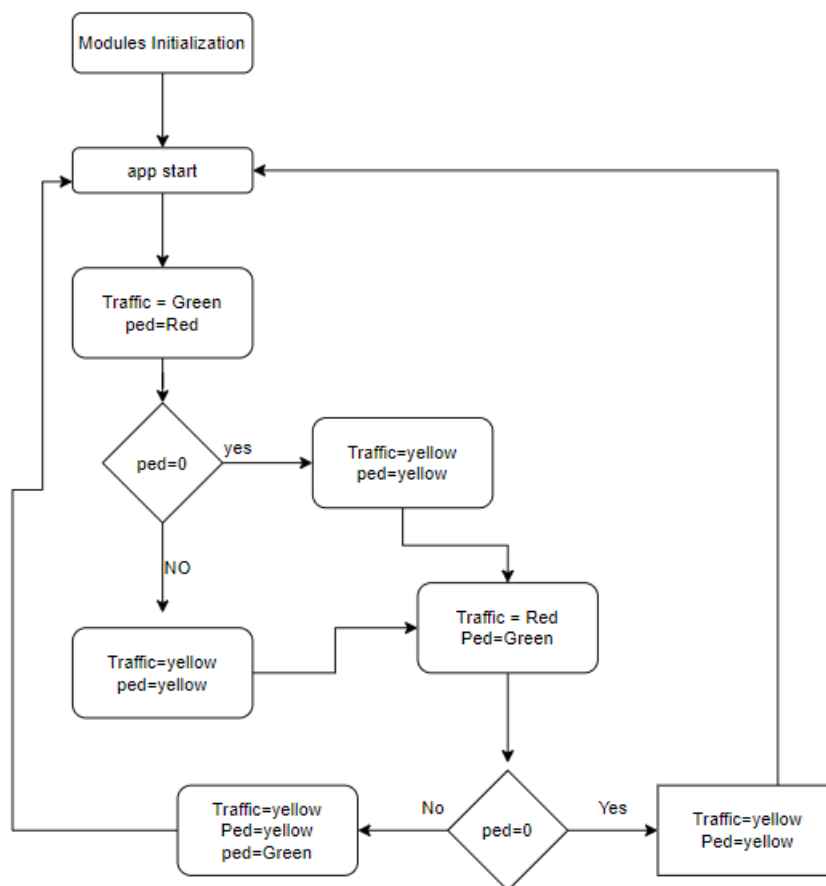
in Normal mode the traffic light will start with Green Light For 0 seconds , Then it will Turn into yellow ,

Then will change to Red, and back to yellow again and so on.

### System Design:

The system will require 6 LEDs, 1 seven-segment, ATMEGA32 MC, push button

### System Flow chart:



System Constrains:

This System will Work For Normal Conditions and will be applicable to The One way road only and can't be applied to any intersections or Cross streets