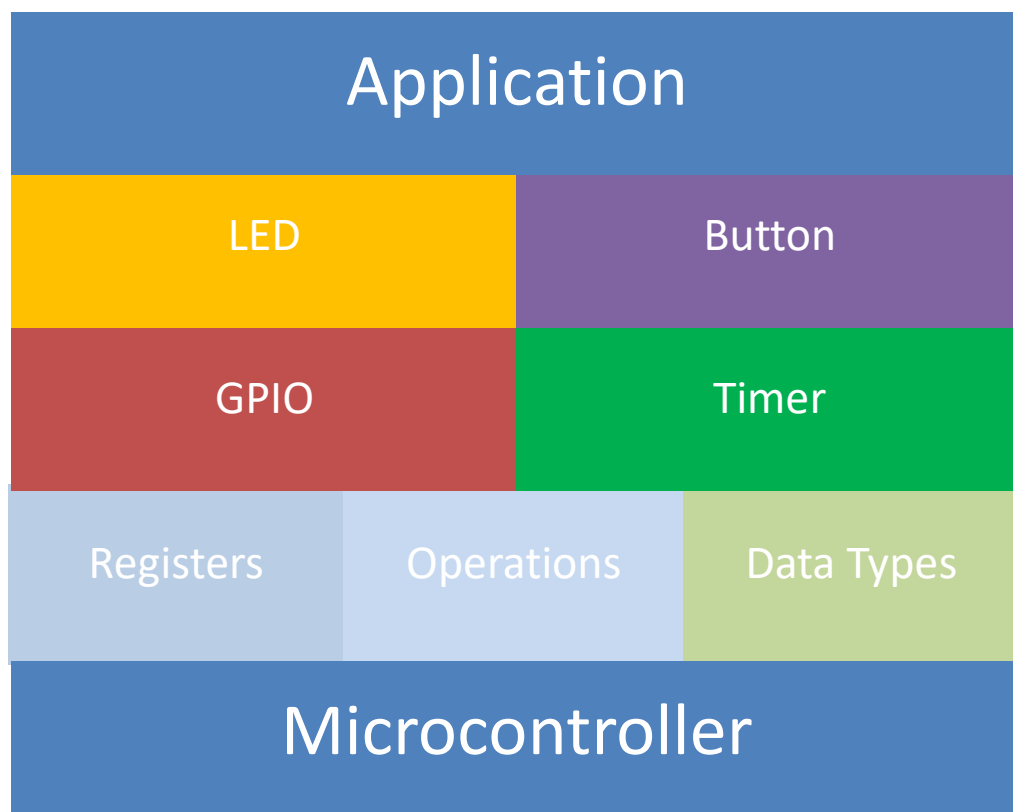
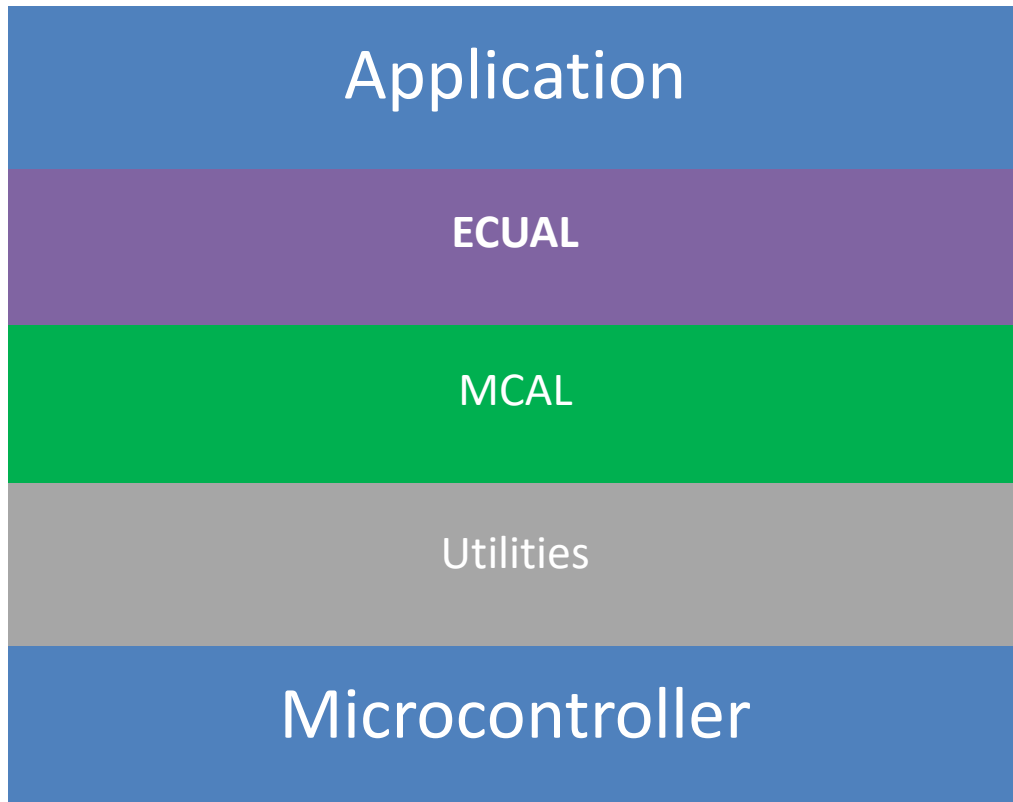


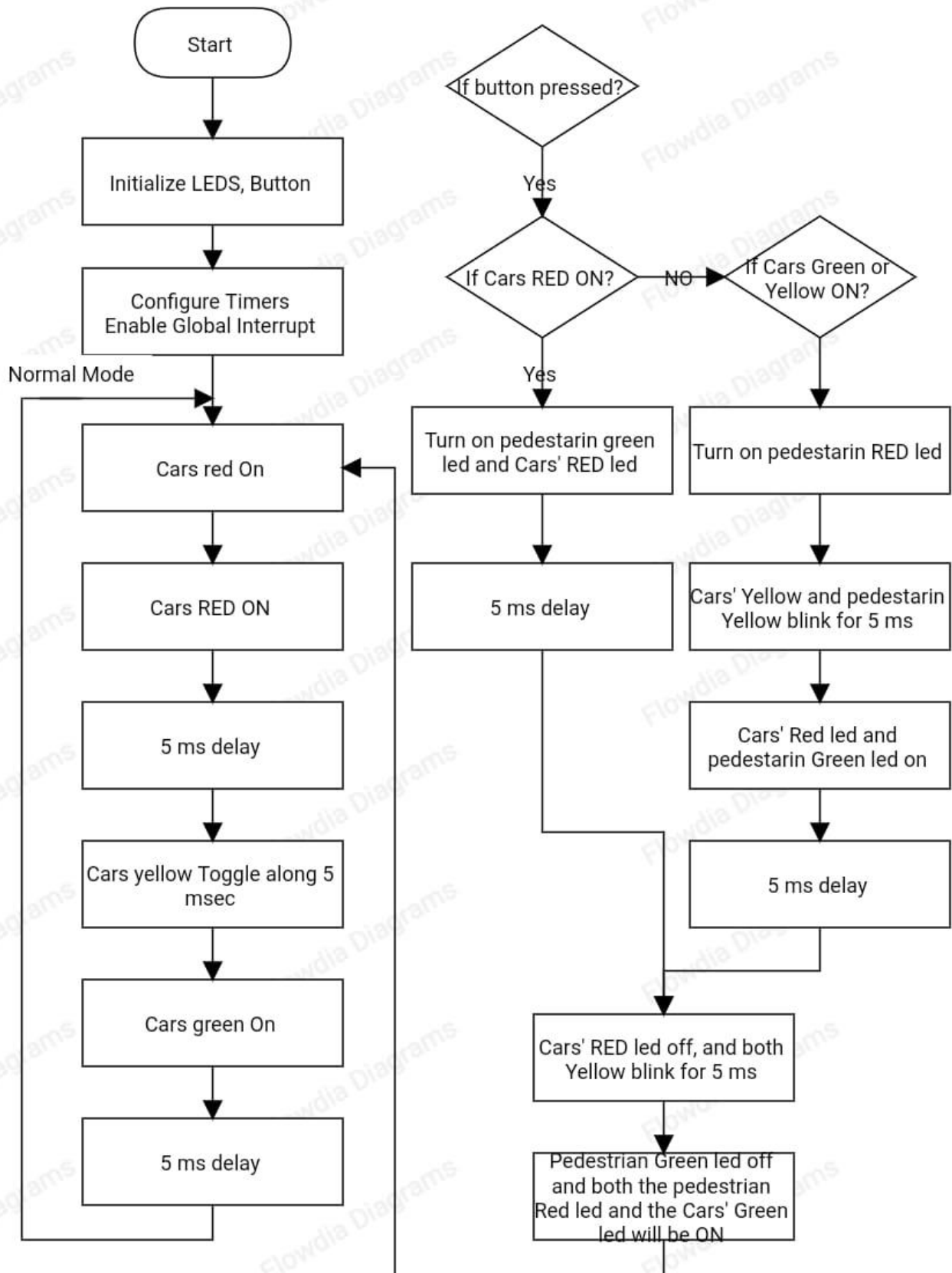
1System Description

system aim to manage traffic, by using set of leds with specific colors for indecation, so system functionality is if person pressed button traffic ligths changs from normal mode to pedestrian.

2System Design



3System Flow Chart



Return to normal mode

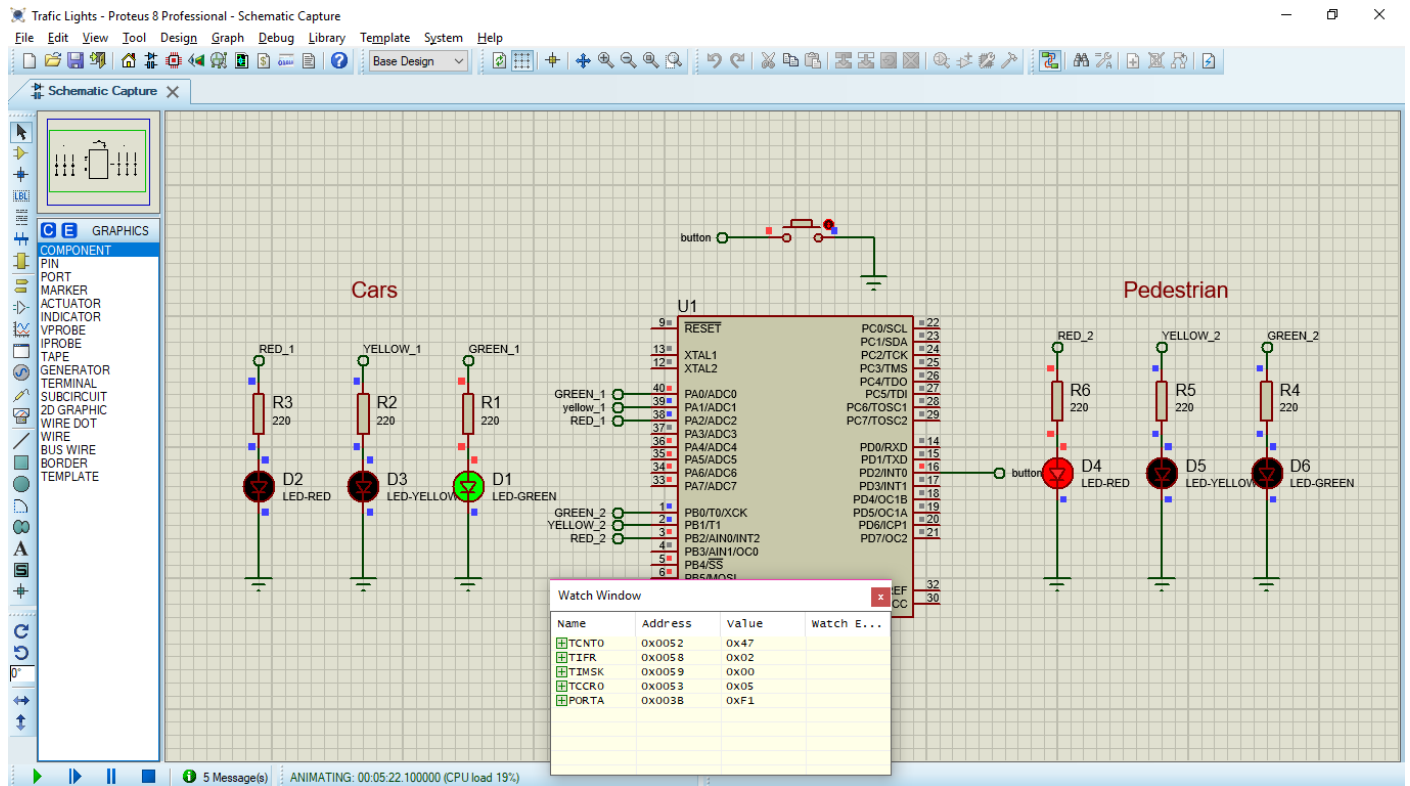
5 System Constraints

-At long press of button, nothing is done as i used action at rising edge



-At double press of button, action taken on;y at first press, and ignored sencond one

6 Proteus Simulation



5 System Design

HW used

MCU: atmega32

6LEDs for Cars, and pedestrian

Button to change mode of operation