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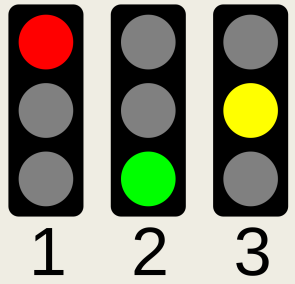

Smart Traffic Management System

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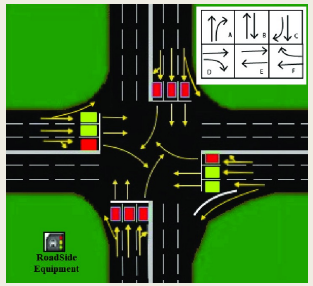
Under the guidance of:
Prof.Akhil Masurkar
Assistant Professor
Department of Electronics Engineering

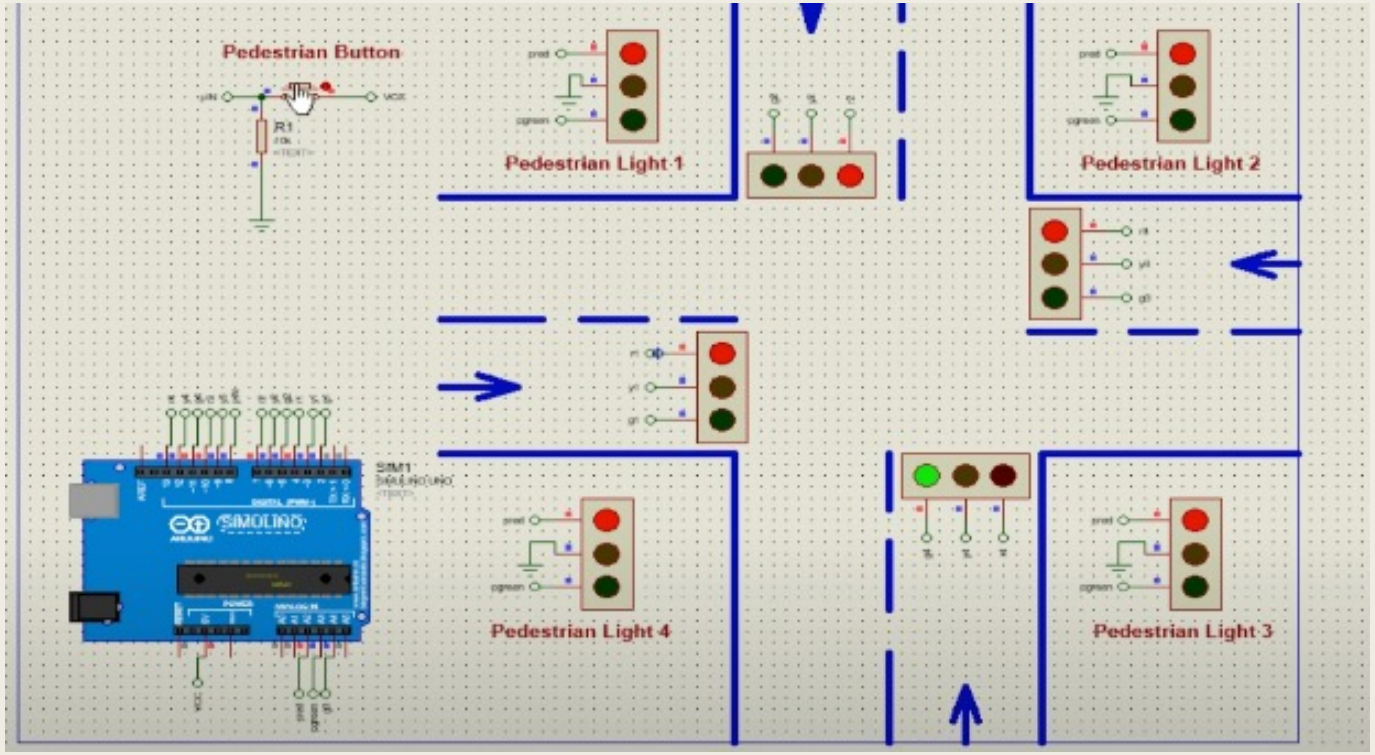


INTRODUCTION:

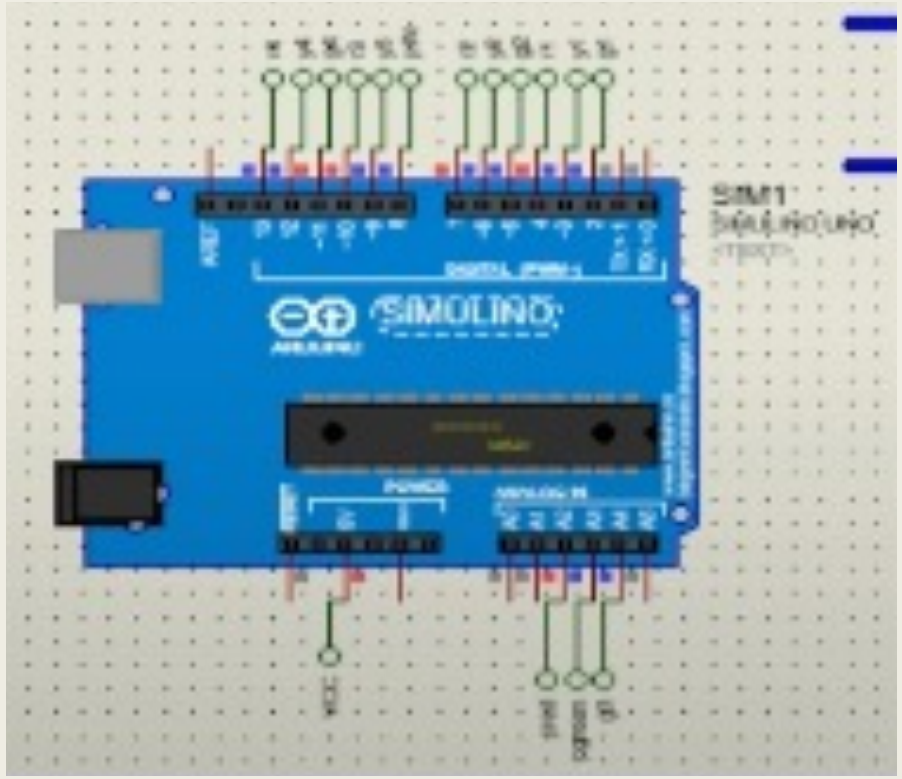
- Traffic Management efficiently done through prioritising density with a four way signal and an additional inclusion of pedestrian lights
- The entire project was simulated using Proteus Design Suite.
- The aim of the project is to simulate the running of a 4 way traffic light system, which ensures ease of traffic flow with an inclusion of pedestrian lights.

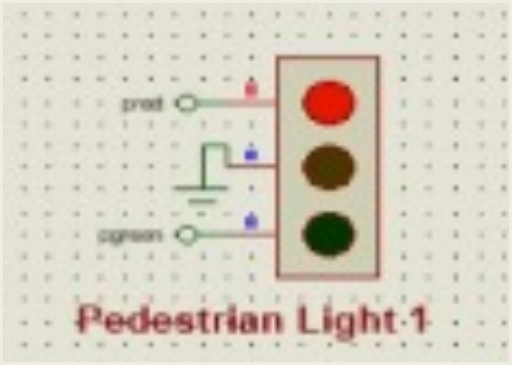
Components used in simulation:

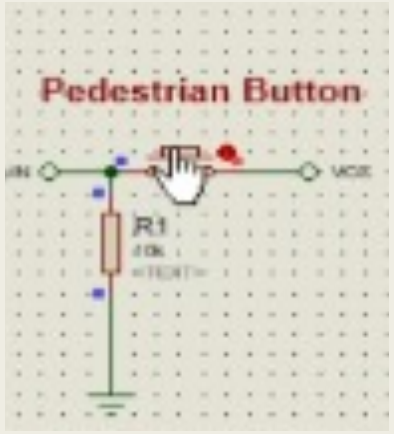
COMPONENT
PIN
PORT
MARKER
ACTUATOR
INDICATOR
VPROBE
IPROBE
TAPE
GENERATOR
TERMINAL
SUBCIRCUIT
2D GRAPHIC
WIRE DOT
WIRE
BUS WIRE
BORDER
TEMPLATE

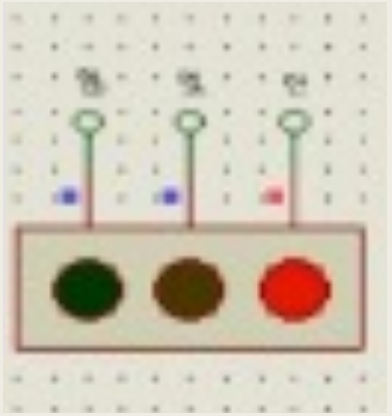


Pin alignment for components:

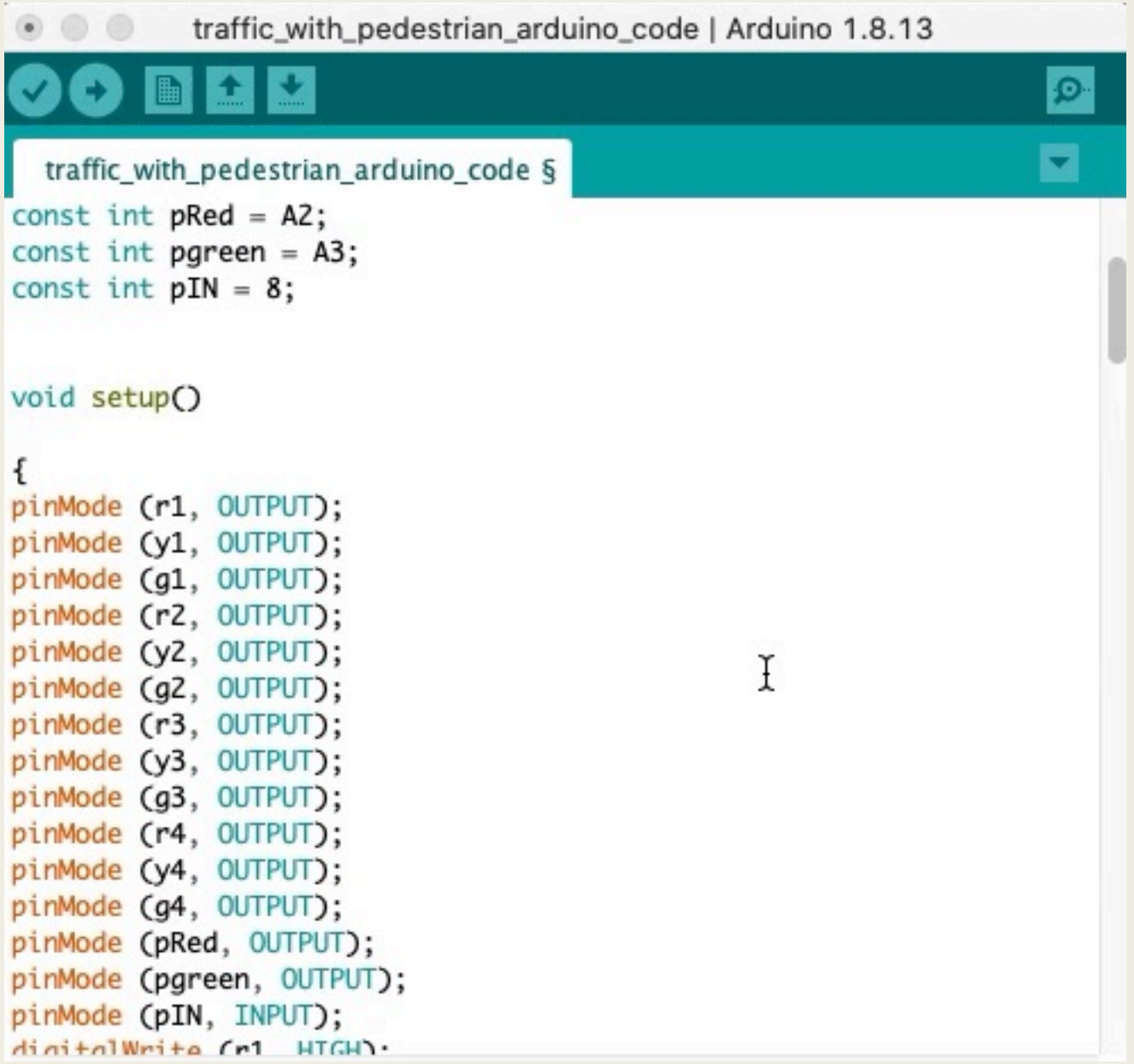








Arduino Code:



Video Demonstration: