







# PRIYADARSHINI ENGINEERING COLLEGE VANIYAMBADI-TIRUPATTUR

COLLEGE CODE:5119

COURSE NAME: IBM

**GROUP NUMBER:2** 

PROJECT TITLE: TRAFFIC MANAGEMENT

PROJECT SUBMITTED TO:SKILLUP

YEAR:3

DEPARTMENT: ECE

SEMESTER:5

GROUP MEMBERS: JANITHAMALAR.V

GUIDED BY :DR. A.BANUPRIYA.HOD/ECE

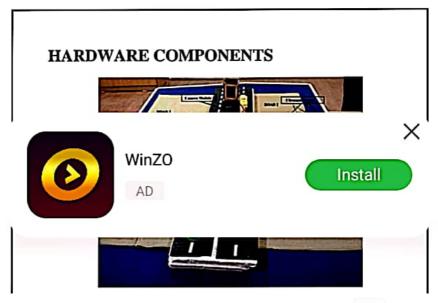
SPOC NAME: DR. R.THENMOZHI.HOD/EEE

### PHASE 4

#### TRAFFIC MANAGEMENT

The pi then determines the level of traffic and allots timing to the traffic light indicators which are the RED, YELLOW and GREEN LED's fig1 shows the setup of the prototype housing the camera module.

The RASPBERRY pi, the ultrasonic sensors and the traffic light indicators. Every time the raspberry pi finds the level of traffic if updates the values to think speak to the platform.



## HARDWARE COMPONENTS

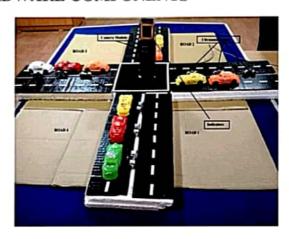


Fig 1: Four way traffic junction prototype

## SOFTWARE COMPONENTS

