

KRS ADVANCED CLASSES PROJECT

Traffic Management and Alert System for Emergency Services Vehicles.

Abstract:

We see emergency services vehicle like ambulance and fire trucks stuck in traffic every day and it is in need of great attention. Each and every second is important in case of emergency and people lose it because of no clear passage in traffic. In this project each vehicle will have an IOT device with long range RF transmitter and receiver along with GPS and Maps data connected to the internet to a server for live navigation status and routes. The devices in all the vehicles will communicate and if an emergency vehicle approaches a particular path, all the vehicles in the path will be alerted well before to make way for the emergency services vehicle. The traffic signal post will also hold a device which will regulate the traffic accordingly upon receiving the alert for the emergency vehicle.

This will help save the precious minutes in saving a person life.

Sohini Joarder (20051108)
Kishan Kumar Alok (2005807)