SMART SANITKA

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ABSTRACT:

Rescuing lives in emergency situations is important , but it is hard and difficult to overcome the rush hour situation in hot spot cities due to the lack of spaces and traffic. Since there are many existing ideas in the present world , yet the problem remains unsolved . Our motive is to increase the survival rate of the lives through “SMART SANITKA”. The Smart Sanitka refers to the smart ambulances which is a combination of several processes where the process gets started when the trigger gets triggered in the ambulance. By which we can inform the control room in order to change the traffic signals and monitor the availability in the hospital with the help of Neo 6m GPS ,GSM module and LoRa module. Death rate due to delay is the worst. So ‘Smart Sanitka’ will create a great impact in the present world. Though we don’t have separate lanes for ambulances in our country, we could able to clear the traffic accordingly through our project “SMART SANITKA”.

Components Required:

- Neo-6m-GPS with Arduino
- LoRa antenna
- LoRa sx1278 module
- LoRa receiver
- Arduino UNO
- LCD display
- GSM module
- Battery

SOFTWARE: Arduino IDE

Arduino Code:

https://github.com/sujithselvaraj/Smart-Santika/tree/main

Note:

Applied for patent as “Smart Sanitka” and Awaiting for an examination.
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