

Ambulance Tracker

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Introduction

According to an AIIMS report, in 2020 98.5% of ambulances carry dead bodies as they are late in reaching the spot because of the unavailability of ambulances and heavy traffic.

Emergency response is critical in saving lives, but we don't have any criteria that ensures that patient will reach the hospital on time and will get proper treatment.



Problem Statement

There is no national access to contact for emergency medical help.

There is no specific protocol for an ambulance to the reach destination immediately therefore it gets delayed due to traffic and people suffer by losing their loved ones. We can cut the time traveled by ambulance to minimum which will save many lives.

Many hospitals lack in providing ambulance services on time because they don't have a proper record of ambulances.

We have seen that general public doesn't possess basic first-aid skills and that too is very important in saving live.



Solution

We will make an integrated application

- Can register and add family members with their ABHA ID so that this app can use the medical records.
- Can see the list of availability of ambulances based on your location, after booking an ambulance you can track your ambulance using GLONASS technology.

As we know that during critical conditions every minute counts, thus, to save time

- make a green corridor using the LoRa module and Arduino nano based on these signals traffic can be managed easily.
- general public doesn't possess basic first aid skills, So our application will provide all the basic first aid.



Objective

Our objective is to provide emergency services to needful people in minimum time So that they get medical services on time. We can cut the time traveled by ambulance to a minimum which will save many lives. By using our app the patient gets to the hospital on time and it will reduce the time of travel by green corridors. You can track your ambulance using your phone. It helps people by guiding them about basic first-aid that is to be provided to the patient on time.



Technology used



React js

LORA module Aurdino nano

Material UI

Java Script

HTML,CSS