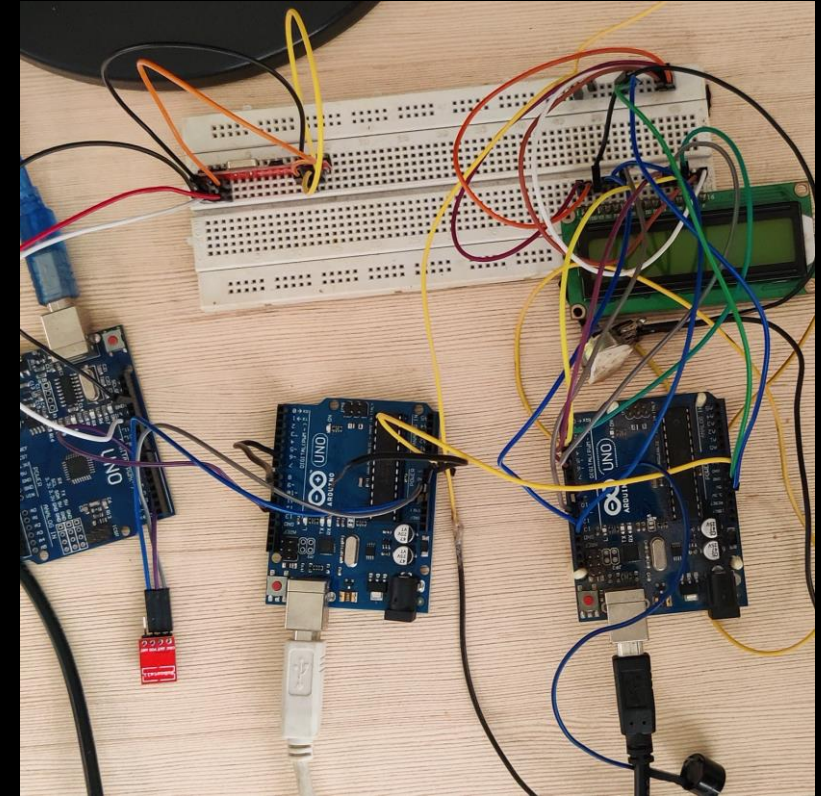KieKie

Ambulance
Alert
System

Problem Statement

- According to a report published by Times of India about 146,133 people were killed in road accidents in India in year 2016.

- Unfortunately, about 30% of deaths are caused due to delayed ambulance because of traffic congestion,

- Also, according to another data of government more than 50% of heart attack case reaches hospital late, Which can constitute unavailability of ambulance too but majority of it is due to ambulance stuck in traffic.
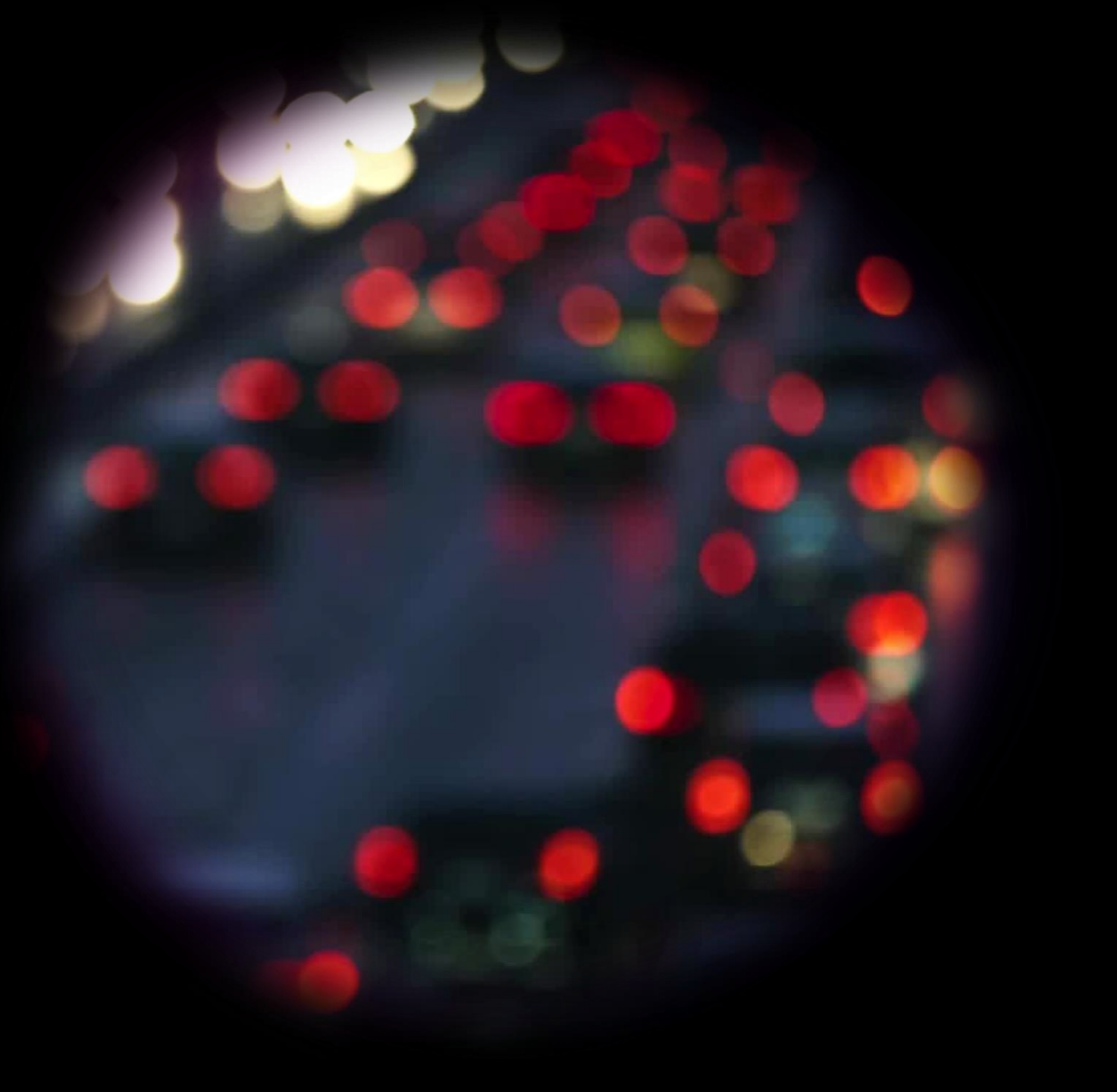
Proposed Solution

- Ambulances to have a special system which would help them to connect to the nearest traffic signal and pop up a sign on timer , To pre-inform the vehicle drivers about the upcoming ambulance

- Ambulance Alert System Works on the principle of Radio Frequency and uses some path determination and path optimization algorithms to guide ambulance.

- Ambulance alert system will be a ready to use kit which needs only power supply which will provided by battery which will be using solar power for charging. It is a 2-part device called as transmitter and receiver.

- **This is our fourth patent technology; we already have 3 GRANTED INDIAN PATENTS.**

PROTOYPE 2.0 (T.R.L 3)
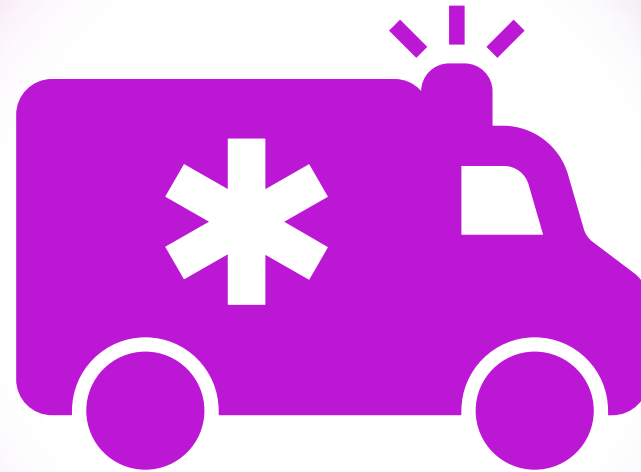*CLICK HERE to view*
PROTOTYPE 3.0 in action.

Working of AAS.

- Area set is taken let's suppose of 1 km radius, The device scans traffic and whichever path is best is prompted and a green route is achieved with no or little human intervention

- If Traffic Signal has timer, then process begins, and A sign is prompted on the signal every odd second Otherwise just the A signal comes, and buzzer is blared.

- As ambulance crosses the path the system is turned back to normal

Applications and Features

- ✓ An easily implementable and unique solution to create a green corridor.

- ✓ A state-of-the-art system which can be used to detect any emergency and reduce it accordingly.

- ✓ To catastrophically reduce fatality rates in road accidents.

- ✓ Extremely portable and economic to implement in auto manufacturing units

- To introduce a spectacular system in the realms of BS norms.

- AI Based system to detect the behaviour of serial law breakers

Usability

A STATE-OF-THE-ART SYSTEM WHICH CAN BE USED TO DETECT ANY EMERGENCY AND REDUCE IT ACCORDINGLY.

TO BE IMPLEMENTED ON TRAFFIC SIGNALS

AVAILABLE ON THE GET-GO

FULLY AUTOMATED SYSTEM

Team & Achievements

Our team is a perfect blend of Business x Innovation. The innovative solutions are developed, Henceforth the opportunities for business growth and optimization of marketing strategies leading the team's vision are implemented.

Previously we have developed 3 patented technologies for which we hold :-

- AIR 1 In Quest of SDGs (NITI Aayog, AIM)

- Provisionally selected for Atal New India Challenge 2.0

- Top 5 Chandigarh Police Hackathon (in association with Infosys)

- Semi Finalist HUL Innovation café hackathon 2021