• PROJECT NAME – Ambu + life

SECTOR- Internet Of Things

- Our team includes-
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#### PROBLEM STATEMENT:

Life risk due to ambulance delay.

## Objective:

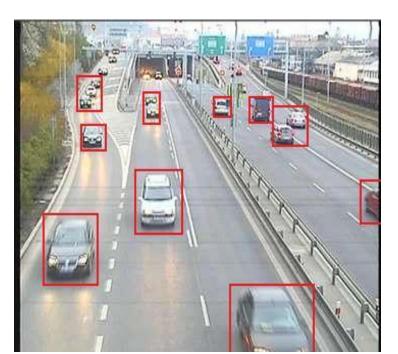
- To make a system to improve the ambulance facilities by sending an emergency message to the respective people who are checking the CCTV recordings. So that they can analyze the density of traffic in respective path of the ambulance and contact traffic police to clear that path. And if it is not possible to do this then inform alternate path.
- Mobile app track the path between initial to final destination and then send an automatic generated message to inform them about the emergency call make by the patient to reach hospital as fast as possible.

### SYSTEM

App to navigate the path and inform to clear the road



Traffic analysis through video to display no. Of vehicles



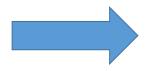
Vehicle to Vehicle communication

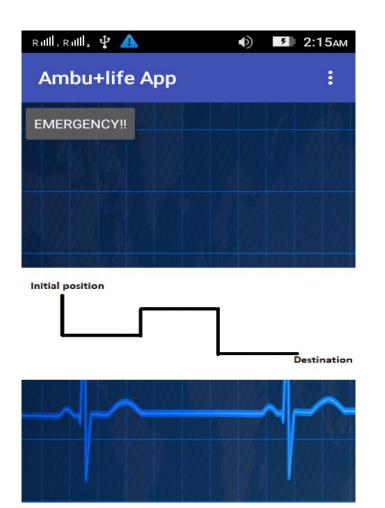


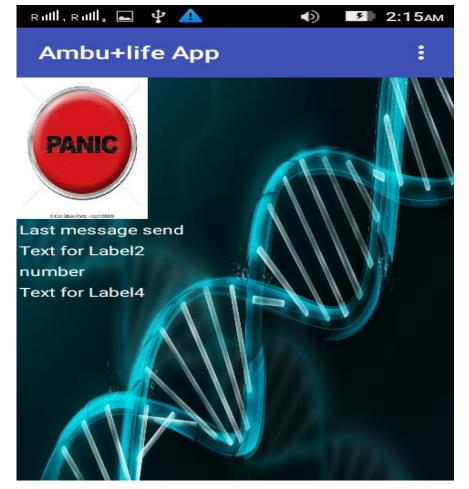
#### • 1 Module (Android App)

Path navigation

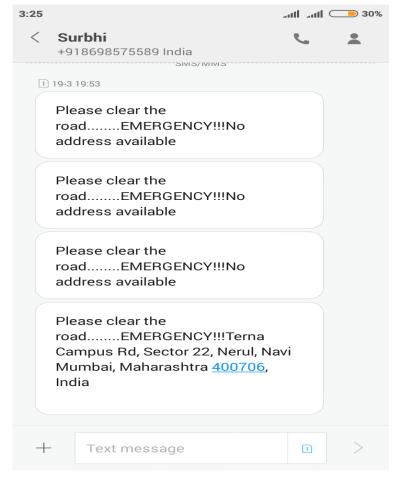








# Message received to clear the path

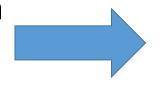


# Module 2( Traffic density analysis through Open cv)

Number of vehicles detected



Detection of path with less traffic density



Send suitable path back to ambulance

# Module 3 (V2V communication)

Ambulance communicate with vehicles in the range of Dedicated Short-Range Radio Communication(DHRC)



Message send to alert nearby vehicles



People cooperate with Ambulance