

All in one disaster dashboard



Accesible data & Control before & after a disaster

- → Do you know India has a service like '911'?
 Yes, '112' is India's answer for all sorts of emergencies, but have you ever heard about it?
- According to WHO, 160 million people affected by disasters every year
- Delay in relief fund and services due to many reasons :
 - Delay in data
 - Delay in alerts
 - Mis-communication or no integrated communication of emergency services together

Problem





Solution



An one stop dashboard for the government which can be used to manage multiple pre and post emergency situations!





Mass Alert System



Live AQI and climate conditions



Forest Fire prediction





Congestion Management



Priority to Emergency vehicles!



Mass Alert System



Assessmnet of poeple affected



Implementation

Using several API's, ML and Computer Vision







• Live Aqi & Weather •





- Forest Fire Predicition
 Extra Trees Regressor
- Pot Hole Detection



Computer Vision

Assessment of people affected



Nominatin Api & Geolocation API for getting Lat & Log of city by name and getting thier populaion

• Congestion Management



The CCTV network of the route gets active and starts to collect video.





Count the density of cars for 15 minutes





Switch the traffic light counter for the next 15 minutes



Value Proposition

SAFE.T provides a single interface for multiple use cases before and after a disaster! If the proposed solution is deployed then it will be possible to save lives during an disaster. The entire structure of SAFE.T is simple, modular, scalable, flexible and personalizable.



The Team



Akshita Mehta



Naman Bansal

X