



Team:

WOLVERINES

INTRODUCTION

TRAFFIC congestion is the major problem in most large cities.

-->**WHY?**

The key factors behind traffic congestion include road works, accidents, traffic overload on the same route, and large numbers of pedestrians holding up the vehicles. Although all these factors can be managed relatively easily, surprisingly not a lot of solutions have been provided thus far.



Methodology:

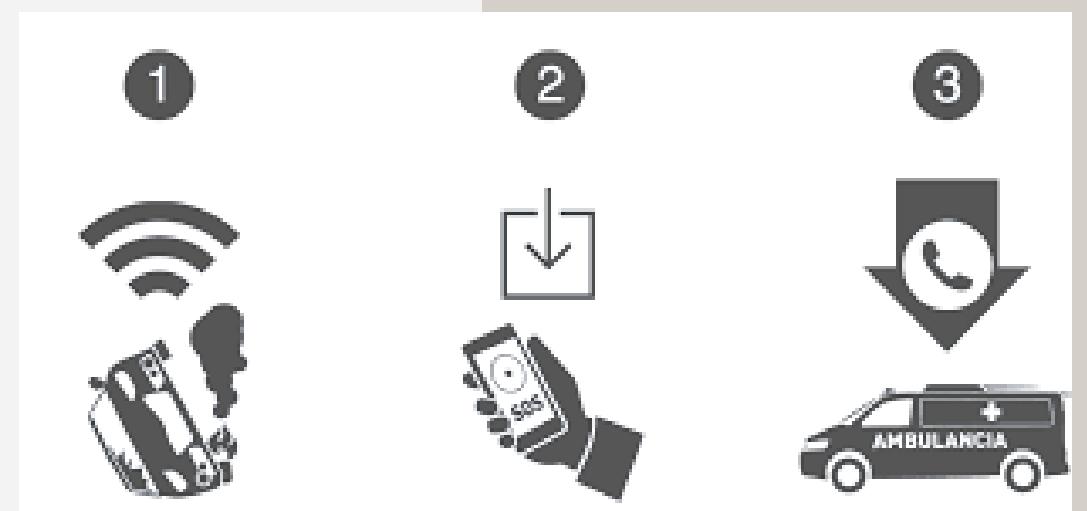
Our idea is to address two major issues:

Post-accident emergency response and traffic congestion.

--- To tackle traffic congestion, we will use AI computer vision and sensors to detect the flux of vehicles at intersections and display this information on our app and digital boards. This will allow users to choose less congested routes and ultimately reduce traffic.

--- Additionally, our app will provide the best possible route based on data gathered by our sensors and vehicle detectors. It includes the ability to detect accidents and send the location coordinates to emergency responders such as hospitals, ambulances, police, fire department, and road department. We will also include a feature for users to report problems.

Similar to social media, which will be sent to emergency responders. This Solution addresses both traffic issues and post-accident emergency response, ultimately solves all the issues related to roads and helps many lives.



FOR TRAFFIC DIVERSION:

Heads Up Display

These show the exact amount of traffic present in individual routes, by which a driver can decide to choose the fastest route possible..

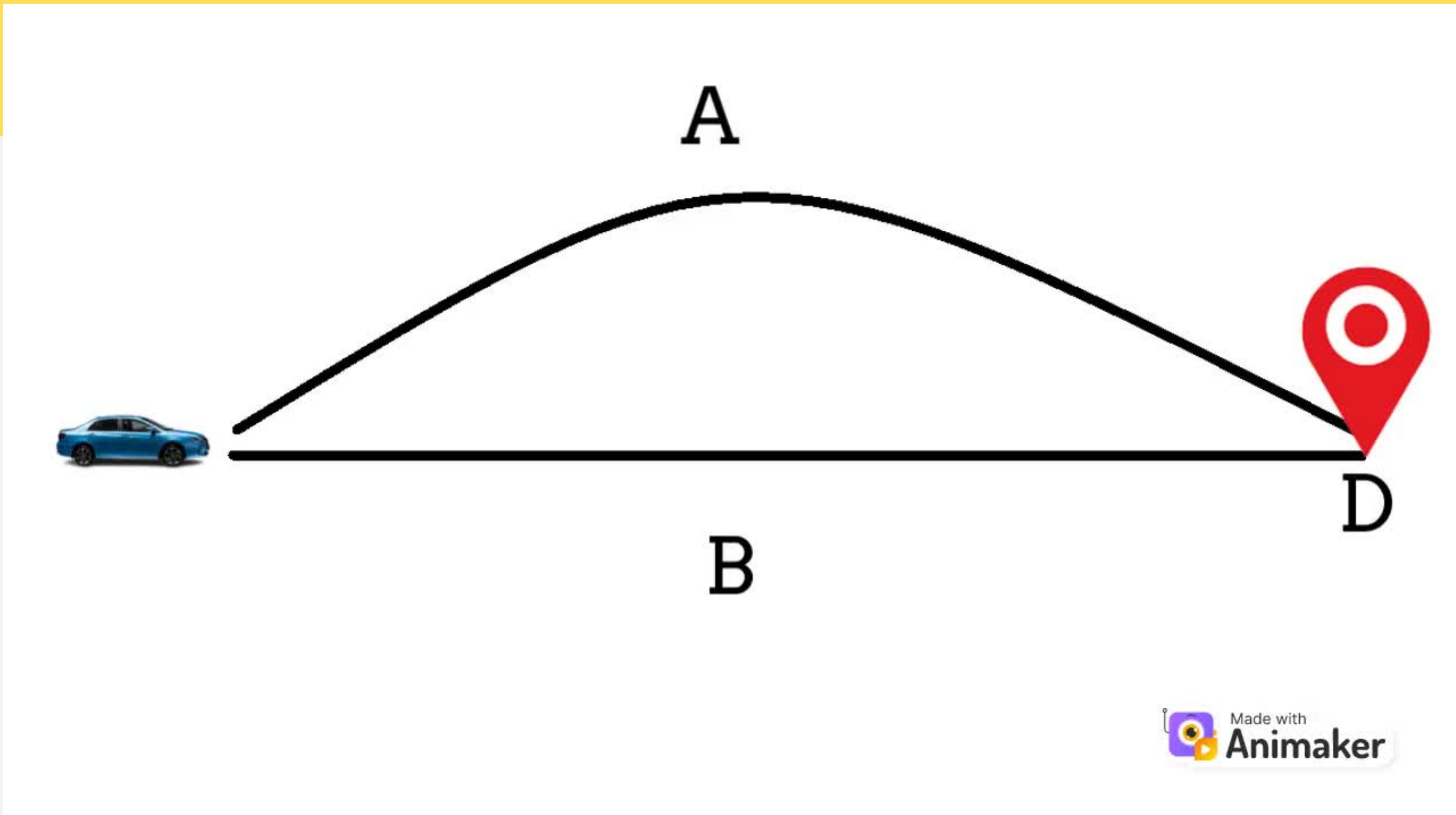


where will they be present..?

-->At the intersection points of two or more roads ..

<https://ctp.gov.in/AlternateRoutes.htm>

Animated video -Choosing routes



Signin/Login

Citizen

Emergency
personal

Report an
Emergency

Post details and
earn points

destination
input

Shows Multiple
routes along with the
traffic

Destination
Input

Shows only fastest
route

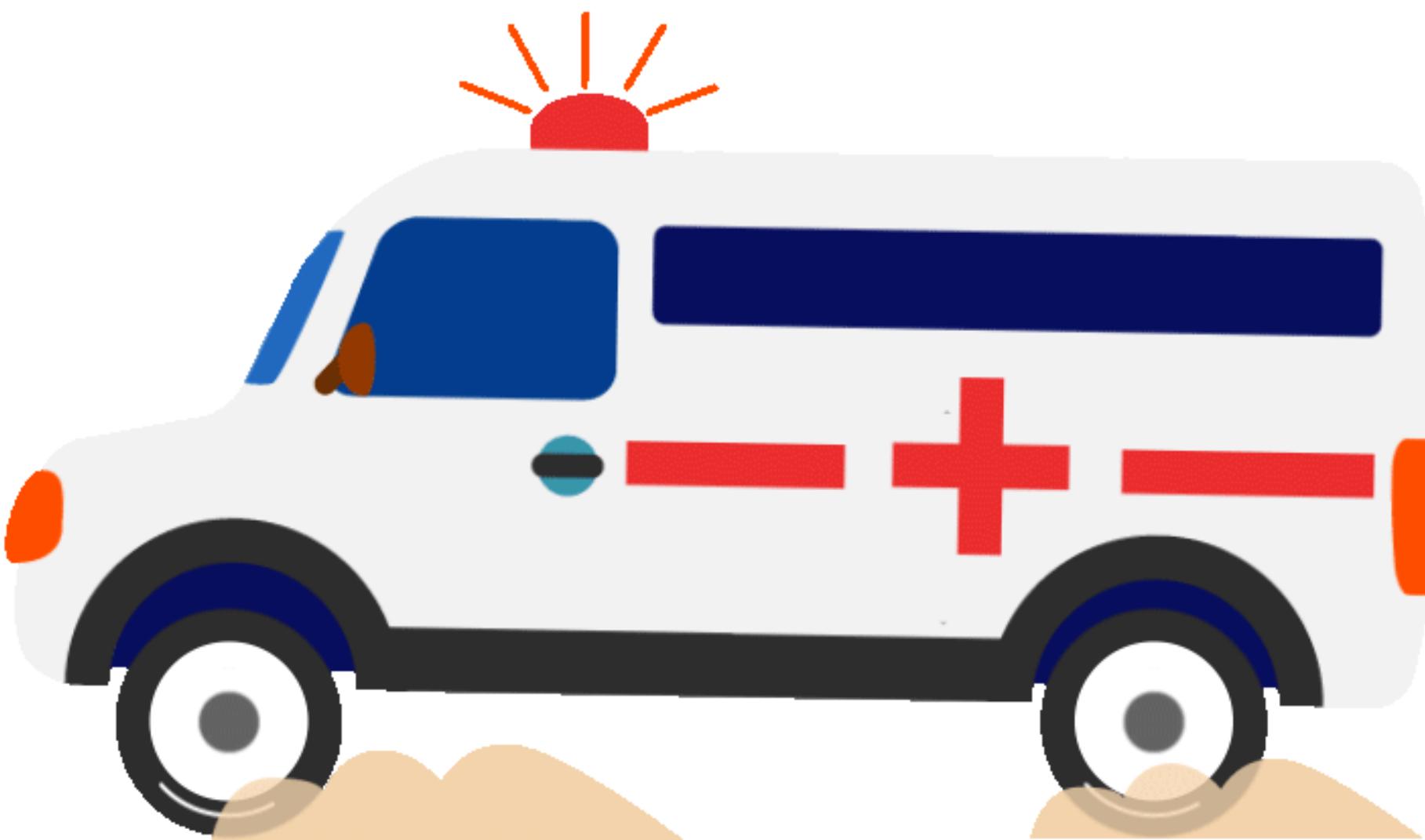
Citizen:

- >Our app provides navigation maps which shows all the available routes to a destination along with the amount of traffic present in each of them by which a citizen will be able to choose and go through the fastest one.
- >It also contain a portal where they can report accidents/road damages by uploading or entering details along with location which will be forwarded to nearby emergency responders



Emergency Responders:

- >They respond to the emergency reports posted by the citizens
- >They'll get a special privilege of clear and fastest route to the destination on emergency times..



CONCLUSION

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THANKYOU

