Rakshak

A commitment to community.
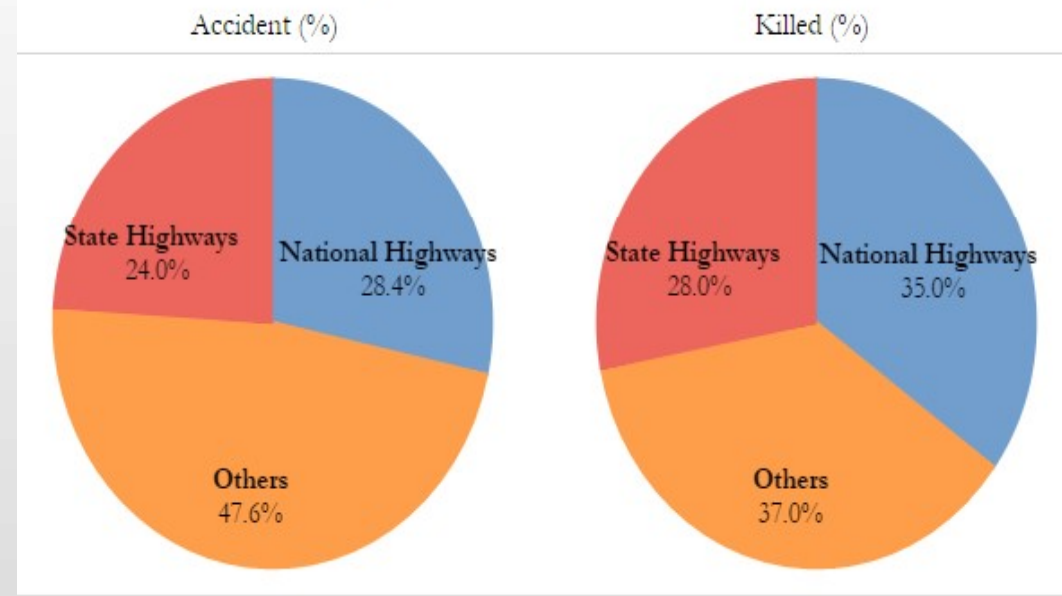
BY TEAM BETA SQUAD

Why do we need **Rakshak** ?
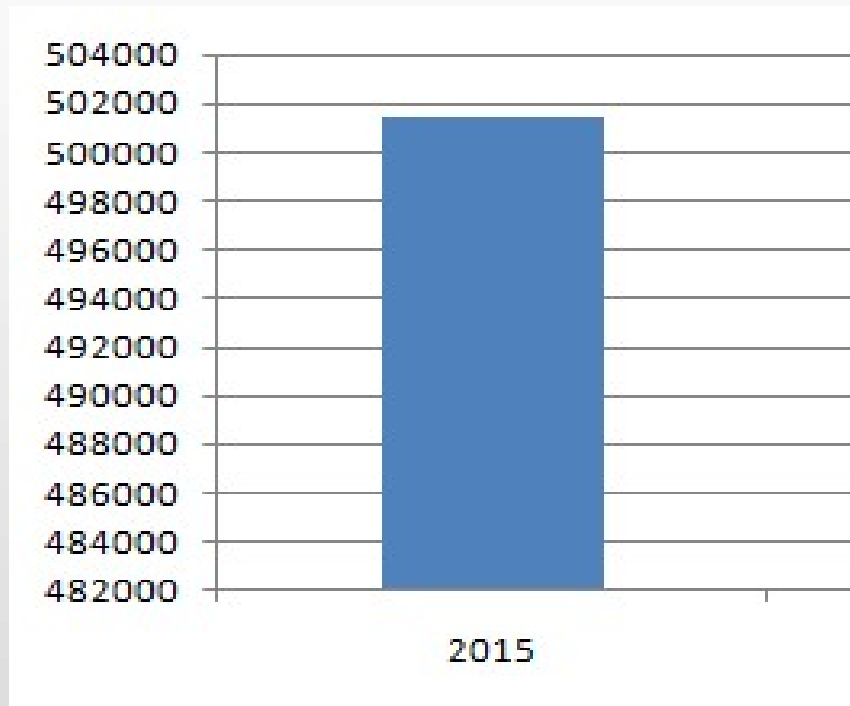
Statistics of road accident in the year 2015

*source : data.gov.in

Prerequisites

- A smartphone (Android)
  - GPS
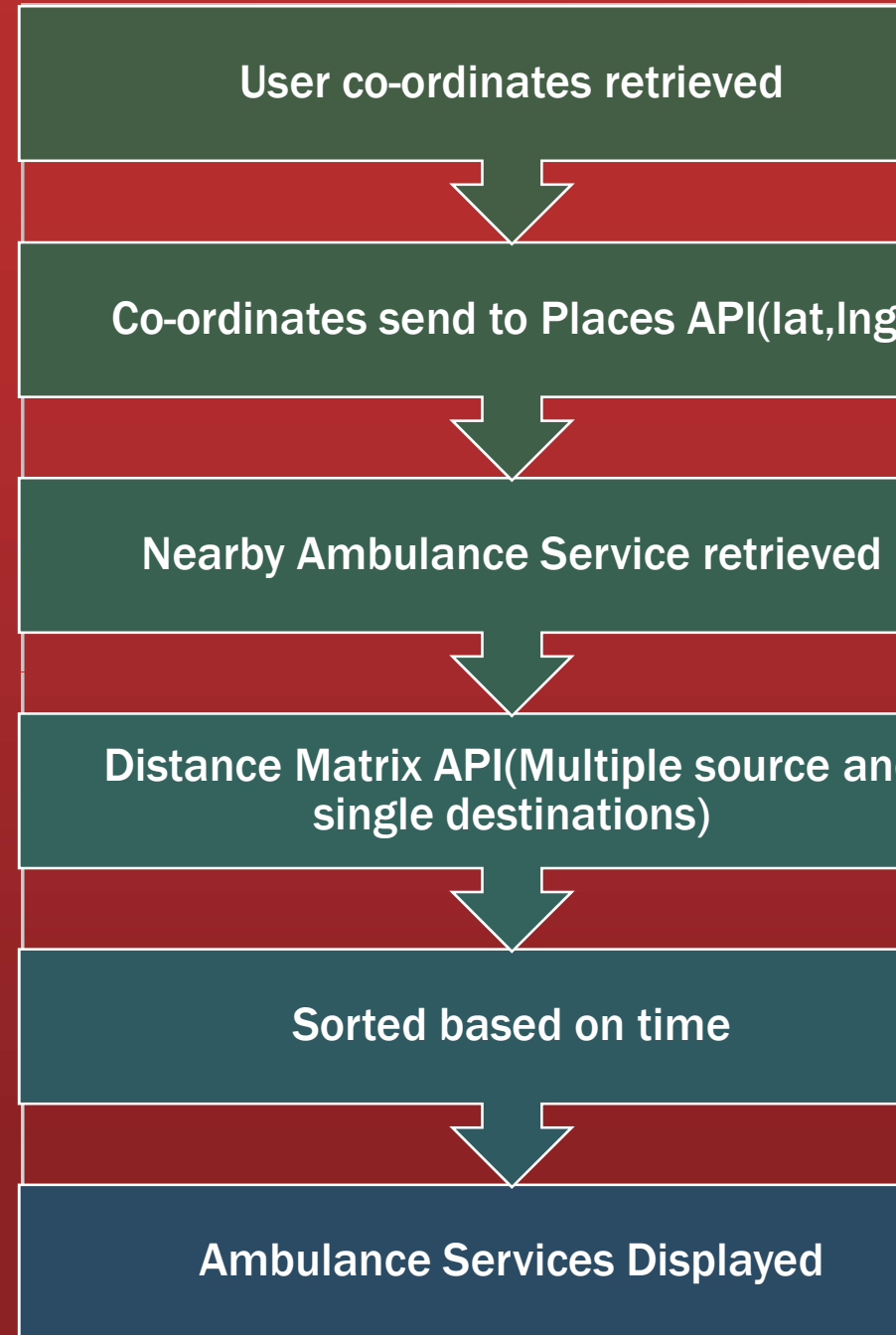 - Internet
- Rakshak

What does **Rakshak** do?

Rescue the victim in the accident by providing below two main functionality:

- ➢ The on-click button
- ➢ The panic button

On Click Button
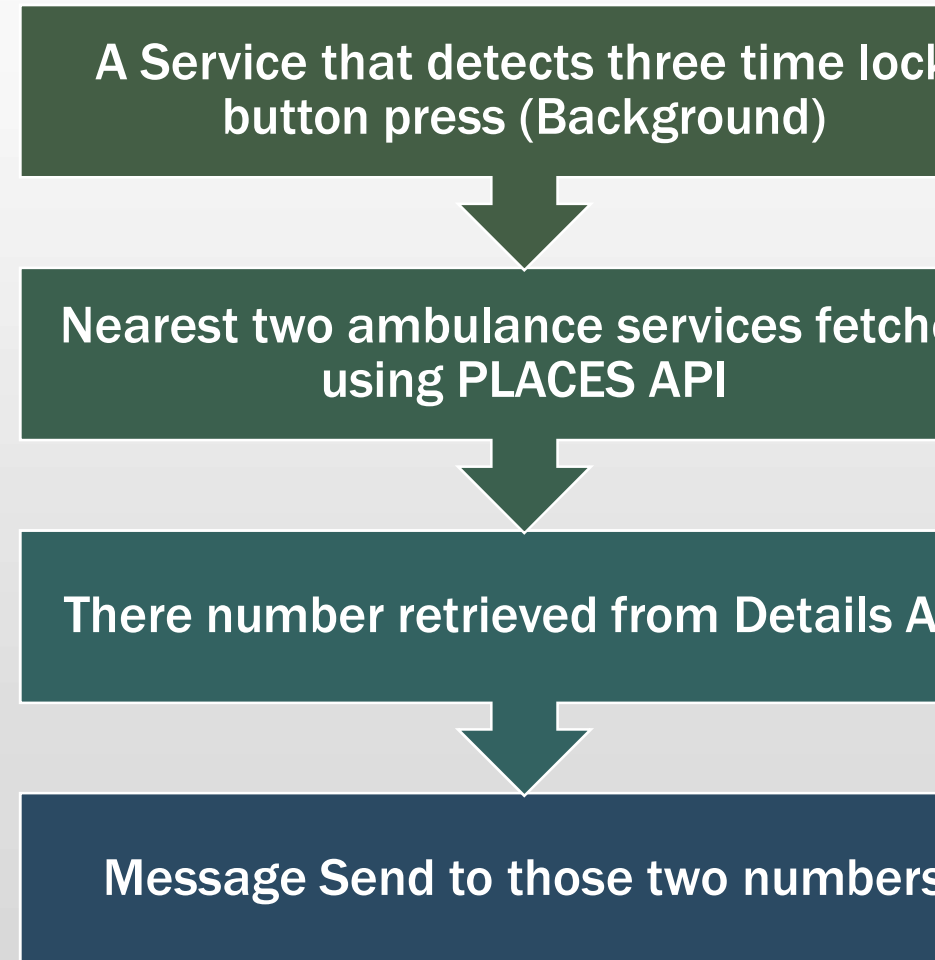
- User's location is retrieved

- Nearest Ambulance Service displayed

- Ambulance Services are sorted based on real time traffic

User co-ordinates retrieved

↓

Co-ordinates send to Places API(lat,lng

↓

Nearby Ambulance Service retrieved

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Distance Matrix API(Multiple source an single destinations)

↓

Sorted based on time

↓

Ambulance Services Displayed

Panic Button

Emergency Contact (Parent) can also be added

The user will be notified estimated time in which the ambulance service would reach.

A Service that detects three time lock button press (Background)

↓

Nearest two ambulance services fetched using PLACES API

↓

There number retrieved from Details A

↓

Message Send to those two numbers

Main Features

- Government NGO's and public sector ambulance provider will be given priority over the private ones.

- Hospital and Police stations based on user location and it's proximity will also be displayed.

The Ambulance Module

- Each ambulance data is maintained for the government sector ambulance services.

- The type of ambulance is also checked and accordingly data is maintained for the ambulances.

- Equipment maintainability help is also provided

Other functionalities

1. **User Friendly and Simple UI**

2. **Three Strike Spam Policy**

   - One Time Password to register

   - Three spam messages and user gets blocked

The End