



सत्यमेव जयते



MINISTRY OF ROAD
TRANSPORT AND HIGHWAYS



SMART INDIA
HACKATHON '17

A Presentation On “Ambulance service on National Highways”

PROJECT: EK UMID

Presented by :-

Atul Modi

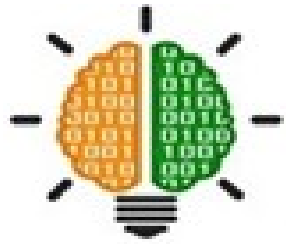
Divya Asija

Lokesh Soni

Saurabh Modi

Himanshu Dixit

Asmita Goswami



**SMART INDIA
HACKATHON '17**



**JECRC
Foundation**

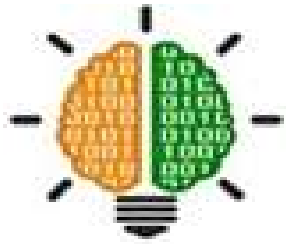
T
E
A
M

S
O
C
O
R
R
O

PROBLEM STATEMENT:

AMBULANCE SERVICE ON NATIONAL HIGHWAY

In case of accident, user is directed to nearest ambulance service, through the app. A list for all ambulance services to be prepared and mapped in the app, along with contact details as well as calling through the app facility.



**SMART INDIA
HACKATHON '17**



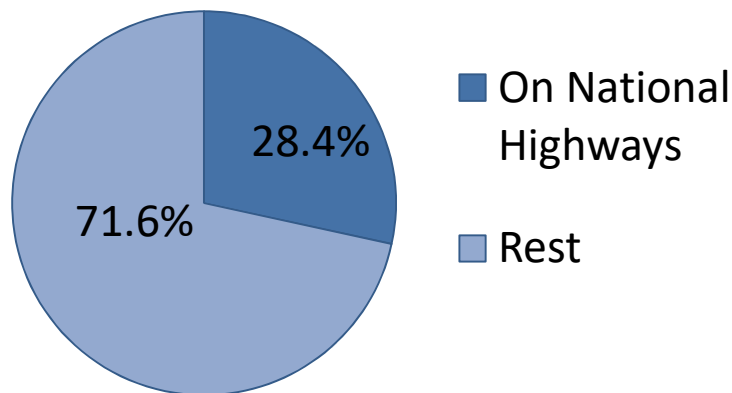
**JECRC
Foundation**

T
E
A
M

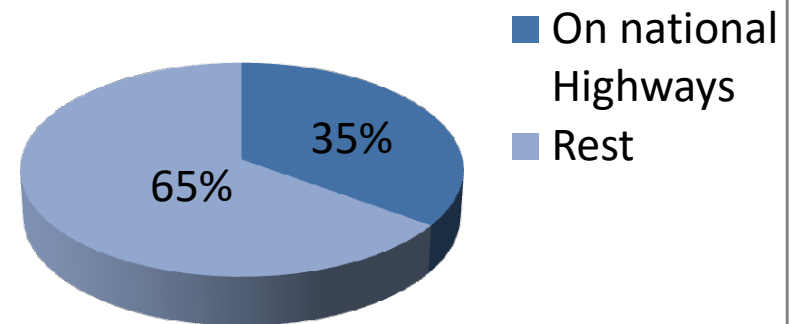
S
O
C
I
E
T
Y

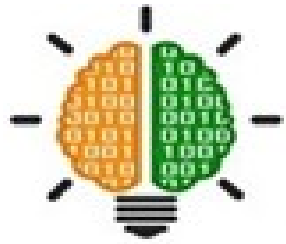
Motive behind choosing this problem statement

Accident Stats



Persons killed in road accidents in 2015





**SMART INDIA
HACKATHON '17**



**JECRC
Foundation**

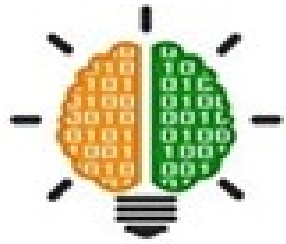
T
E
A
M

S
O
C
O
R
R
O

SOLUTION:

The user just need to open the app then his location will be fetched by GPS and the details of nearest ambulance along with nearest hospital will be displayed. The user can simply call through the app for the ambulance.

Alternatively a list of all other ambulance services will also be given so that user can call other ambulance in case of any disputes. For the ambulance's driver side the user's location will be shown in the map so that he can reach there accurately. There will also be an option to fill the hospital's form within the app to reduce overheads.



SMART INDIA
HACKATHON '17

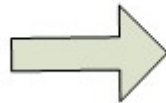


JECRC
Foundation

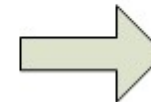
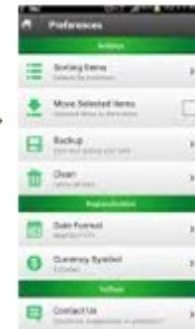
Work Flow

T
E
A
M

S
O
C
O
R
R
O

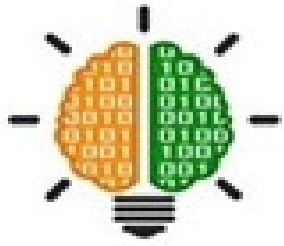


List of nearby
ambulance and
hospitals



Call any
Ambulance
service





**SMART INDIA
HACKATHON '17**



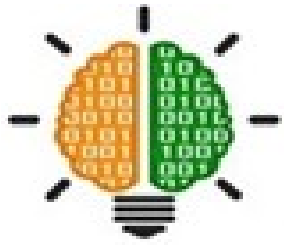
**JECRC
Foundation**

T
E
A
M

S
O
C
O
R
R
O

FEATURES IN THE APP:

- Real time tracking of ambulance
- Call through app
- Anonymous help
- Automatic notification to hospitals
- List of hospitals available offline
- Weight of vehicle
- Mobile Mechanic
- Cashless Toll Plaza



**SMART INDIA
HACKATHON '17**



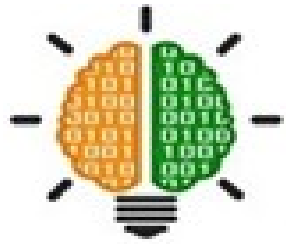
**JECRC
Foundation**

T
E
A
M

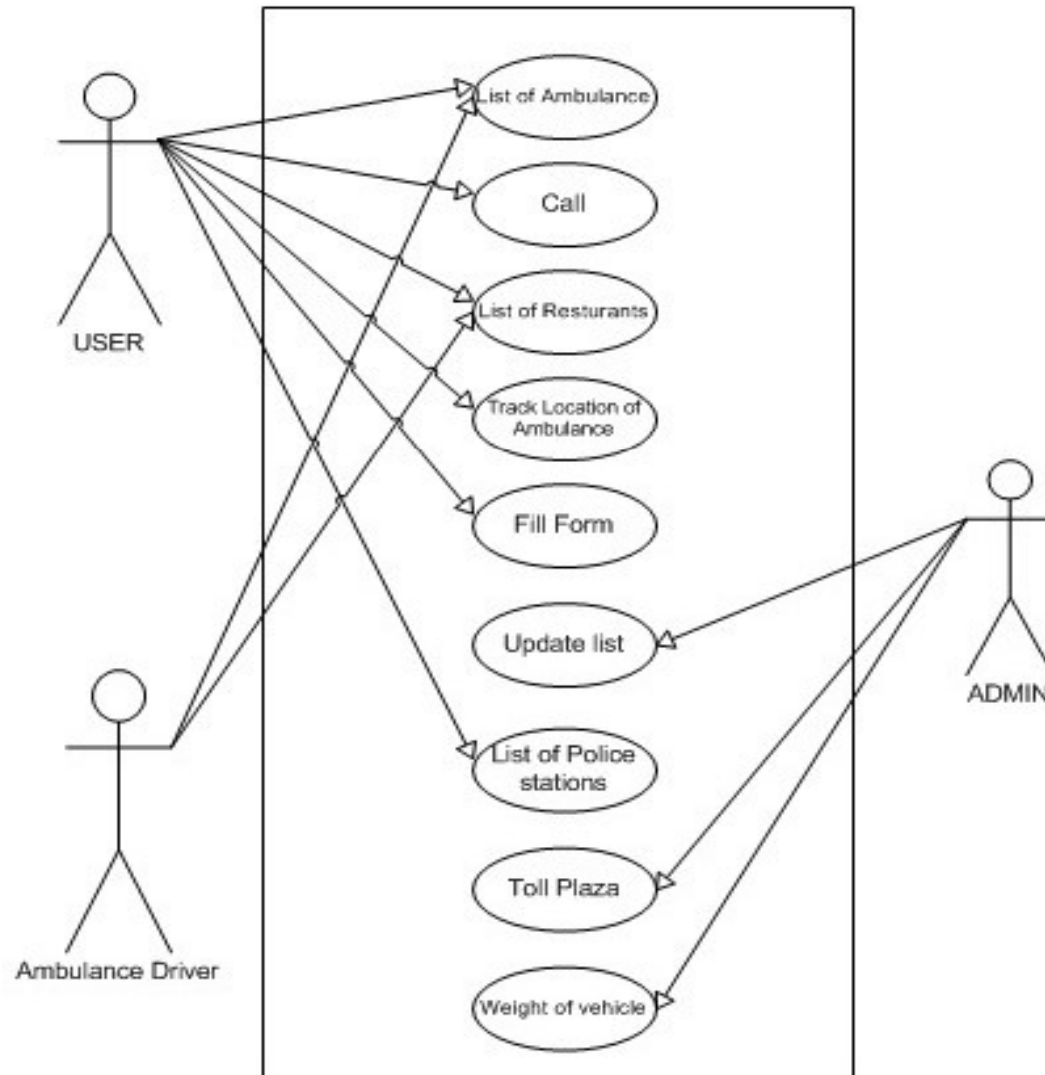
S
O
C
I
E
T
Y

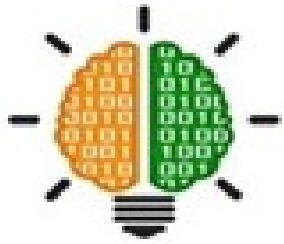
ADDITIONAL FEATURES IN THE APP

- Following Nearby Facilities
 1. Various Departmental Offices
 2. Petrol pumps
 3. Restaurants
 4. Flyovers
 5. Railway Stations



USE-CASE DIAGRAM





**SMART INDIA
HACKATHON '17**



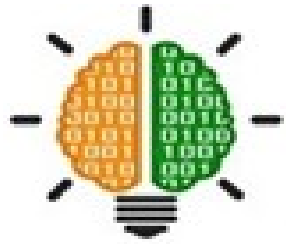
**JECRC
Foundation**

T
E
A
M

S
O
C
O
R
R
O

TECHNOLOGIES AND TOOLS USED:

- Android Studio 2.1
- Google APIs
- Sqlite
- PHP



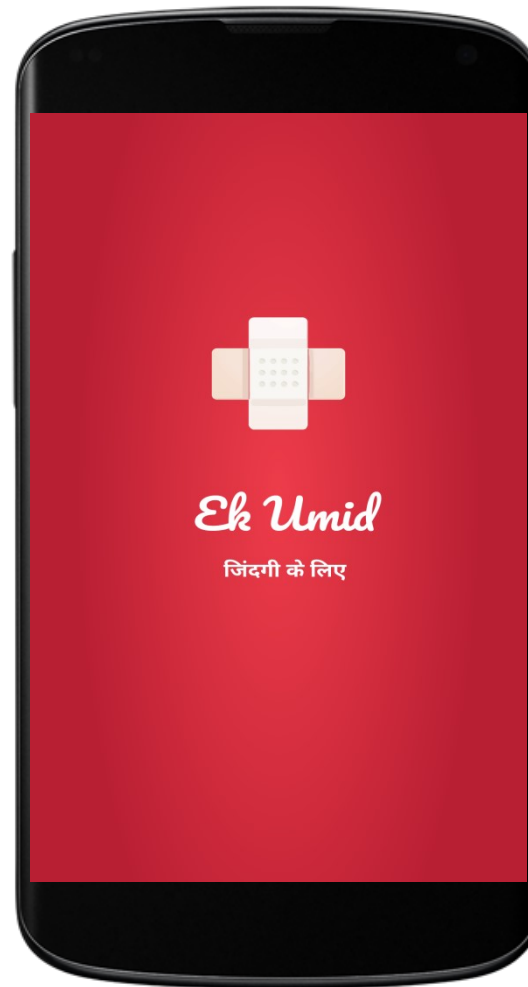
**SMART INDIA
HACKATHON '17**



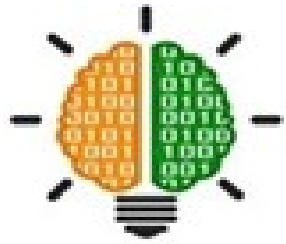
**JECRC
Foundation**

T
E
A
M

S
O
C
O
R
R
O



Ministry of Road Transport and Highways



**SMART INDIA
HACKATHON '17**



**JECRC
Foundation**

T
E
A
M

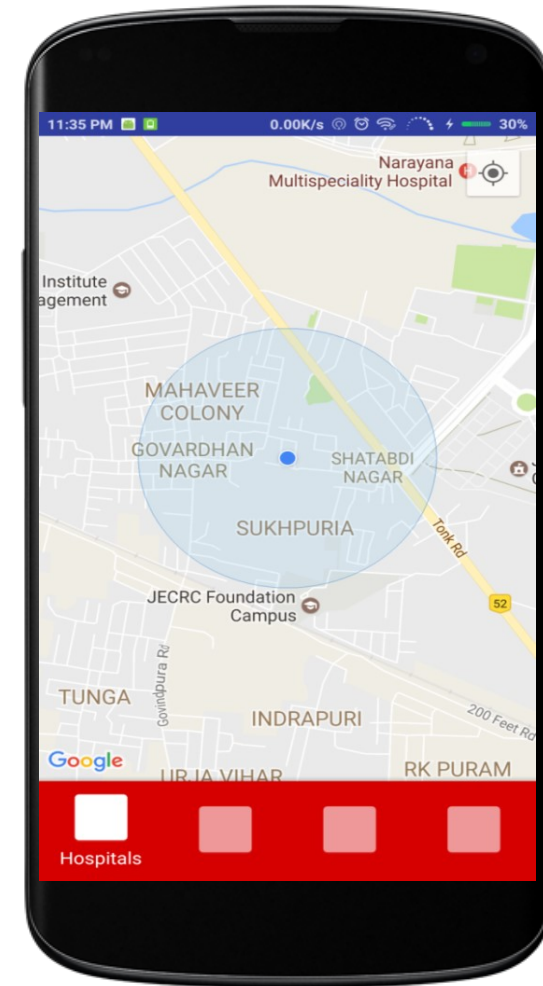
S
O
C
I
E
T
Y

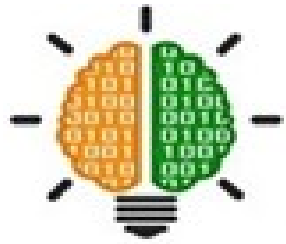
FEATURE:

Nearby Hospitals Locator

DESCRIPTION:

A one touch solution that display all hospitals and emergency care services located nearby.





**SMART INDIA
HACKATHON '17**



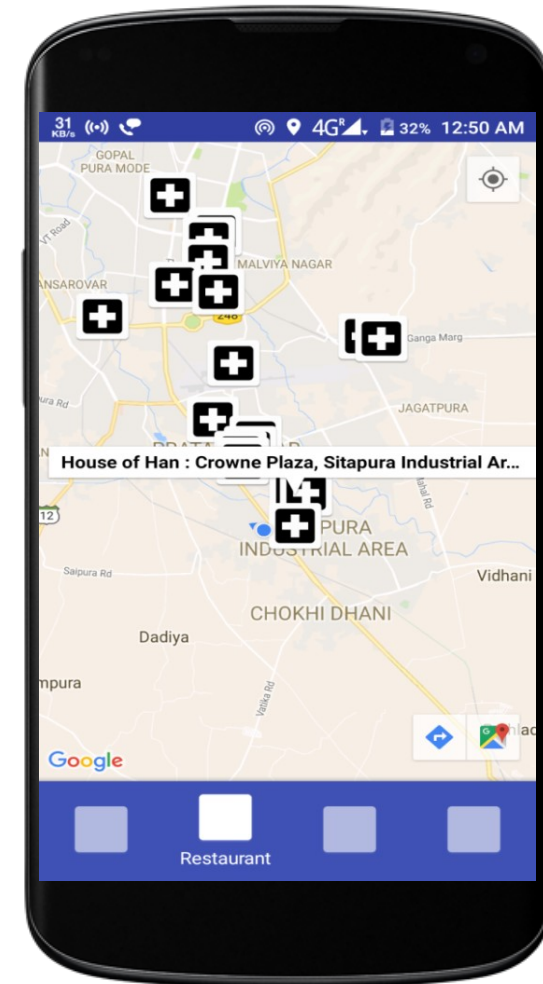
**JECRC
Foundation**

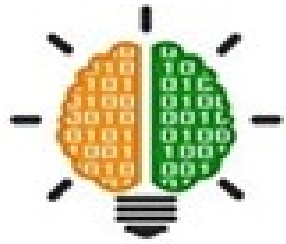
T
E
A
M

S
O
C
I
E
T
Y

FEATURE:
Restaurants

DESCRIPTION:
Easy way to get details of
restaurants closely available .





**SMART INDIA
HACKATHON '17**



**JECRC
Foundation**

T
E
A
M

USER-SIDE DESCRIPTION

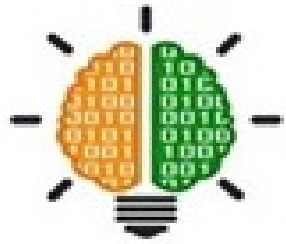


The user just need to open the app then his location will be fetched by GPS and the details of nearest ambulance along with nearest hospital will be displayed. The user can simply call through the app for the ambulance.

ADMIN-SIDE DESCRIPTION



For the ambulance's driver side the user's location will be shown in the map so that he can reach there accurately. There will also be an option to fill the hospital's form within the app to reduce overheads.



**SMART INDIA
HACKATHON '17**



**JECRC
Foundation**

T
E
A
M

S
O
C
O
R
R
O

Thank You