SMART AMBULACES

Hello!

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Problem Statement

Let's start with the first set of slides

" The increasing accidental cases needs improved emergency health services because of drawbacks in the existing medical-care facilities.
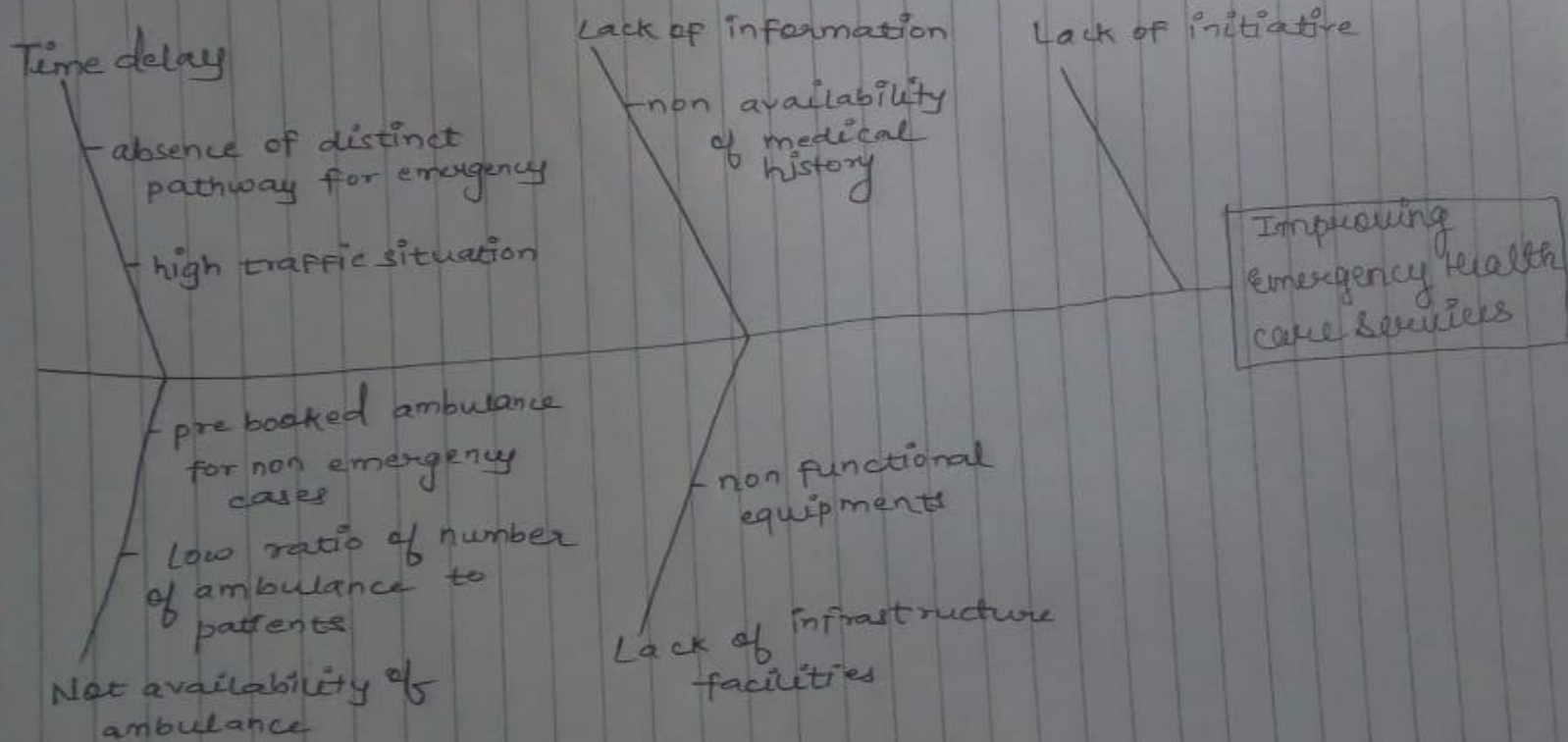
Fish Bone Analysis

Let us have a better understanding of the problem statement

FISH BONE ANALYSIS

Time delay
- absence of distinct pathway for emergency
- high traffic situation

Lack of information
- non availability of medical history

Lack of initiative

Improving emergency health care services

- pre booked ambulance for non emergency cases
- low ratio of number of ambulance to patients

Not availability of ambulance

- non functional equipments

Lack of infrastructure facilities

Six Thinking Hats

Thinking over different aspects of problem!

- Improvising the current emergency medical services hence reducing the delay and increasing the efficiency of service.

- Statistical data tells that 28% of the patients lose out on efficient and reliable emergency medical services due to non availability of ambulances.

- Only 1 ambulance for every 1,50,000 people is at work.

- designing a technology that can connect driver and patient.

- allocate a suitable ambulance with the requisite features.

- provide the patient with the requisite care and prescribed drugs.

- This idea will definitely improve the healthcare services.
- And increase the life expectancy.

- Security issues in maintaining the common database for all patients.

- Pre-booking puts a dent in ambulance-people ratio.

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Proposed Solution

Let's have a breif overview about Solution

A mobile application

The basic services which are existing includes:

- Booking ambulance for emergency and non-emergency services.
- Locating nearest ambulance and requesting it.
- Getting contact details of driver
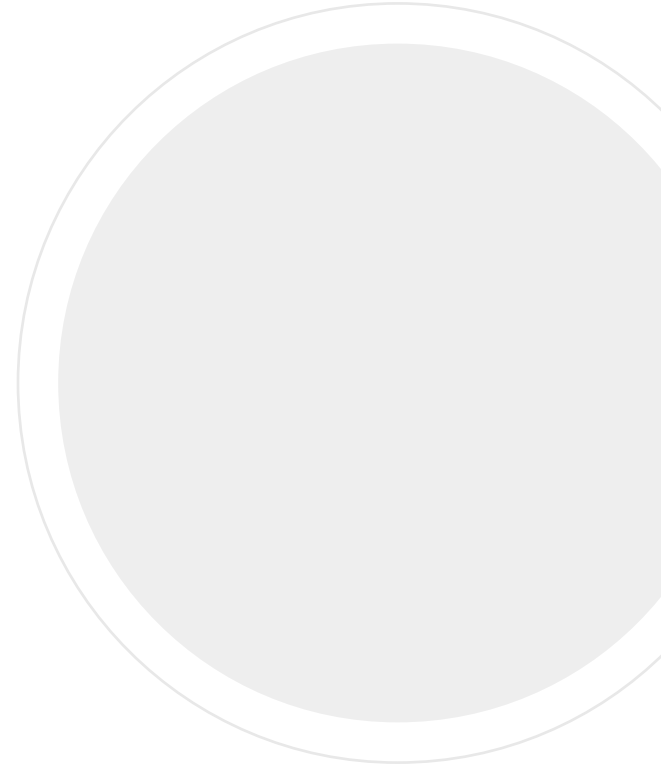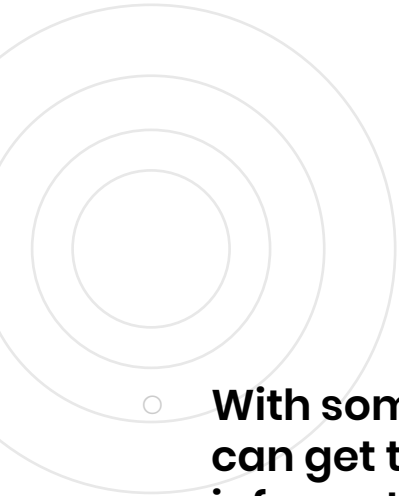- Moving to nearest Hospital
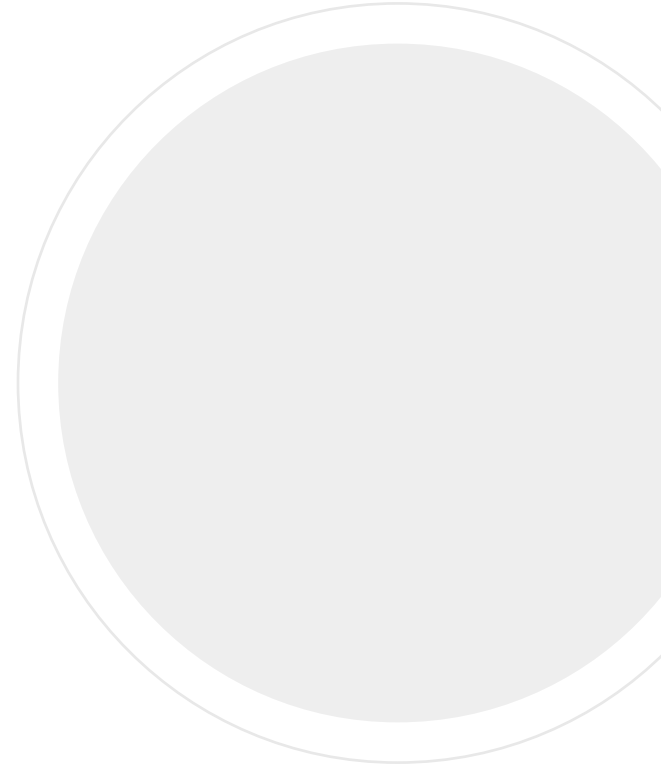- And tracking its movement

Our Solution

An ambulance booking app with following features:

- Tracking all ambulances at once.

- Finding the nearest one.

- Ambulance with some pre-requisite features.

- Presence of a doctor in ambulance for support based on patient's condition

- Finding hospitals based on availability of beds.

With some unique patient's ID, the doctor can get the basic test reports and information about the medical history of patient.

IMPACT OF IDEA

Ensures the public availability of emergency medical service

Quicker and more efficient medical care can be offered.

The common database makes it easy for the doctor to know about patient in little time.

The information about the medical history of patient can help in saving the time for doing the basic tests like "allergy" and directly go for Operations at times of medical emergency.

The paramedical staff present in the ambulance shares the details of the patient via the app and hence help the doctor to monitor the patient even from long way.

👍 Thanks!

Any questions?