

DOOT: SOS **APPLICATION**



SUBMITTED BY 'THE FIVE CLIQUE' -

**Deepak Pandey
Rupin Patel
Akshat Chatterjee
Abhishek Bang
Rohit Mantri**

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ABSTRACT:

The aim of the project is to develop an application that lets its users send notifications in case of an emergency or a panic situation. The users can send multiple text messages on the press of a single button.

The phone numbers, and the contents of the text can be set from within the application. The text messages sent, along with the content, also have the last known location of the user which is very helpful in tracking the whereabouts of the person and can be used in a variety of ways.

SYSTEM FEATURES:

- 1) **Signup and Login** - Safe and secure way of storing login details, with easy to retrieve data from firebase database.
- 2) **SOS sender feature** - That lets its users send notifications in case of an emergency or a panic situation. This is very helpful in tracking the whereabouts of the person.
- 3) **Offline step-by-step instructions** manual for each emergency situation.
- 4) **Interactive map view** of current location, with search options for nearby hospitals, police Stations and hotels.
- 5) **Modification of phone numbers** for future use capability from within the application.

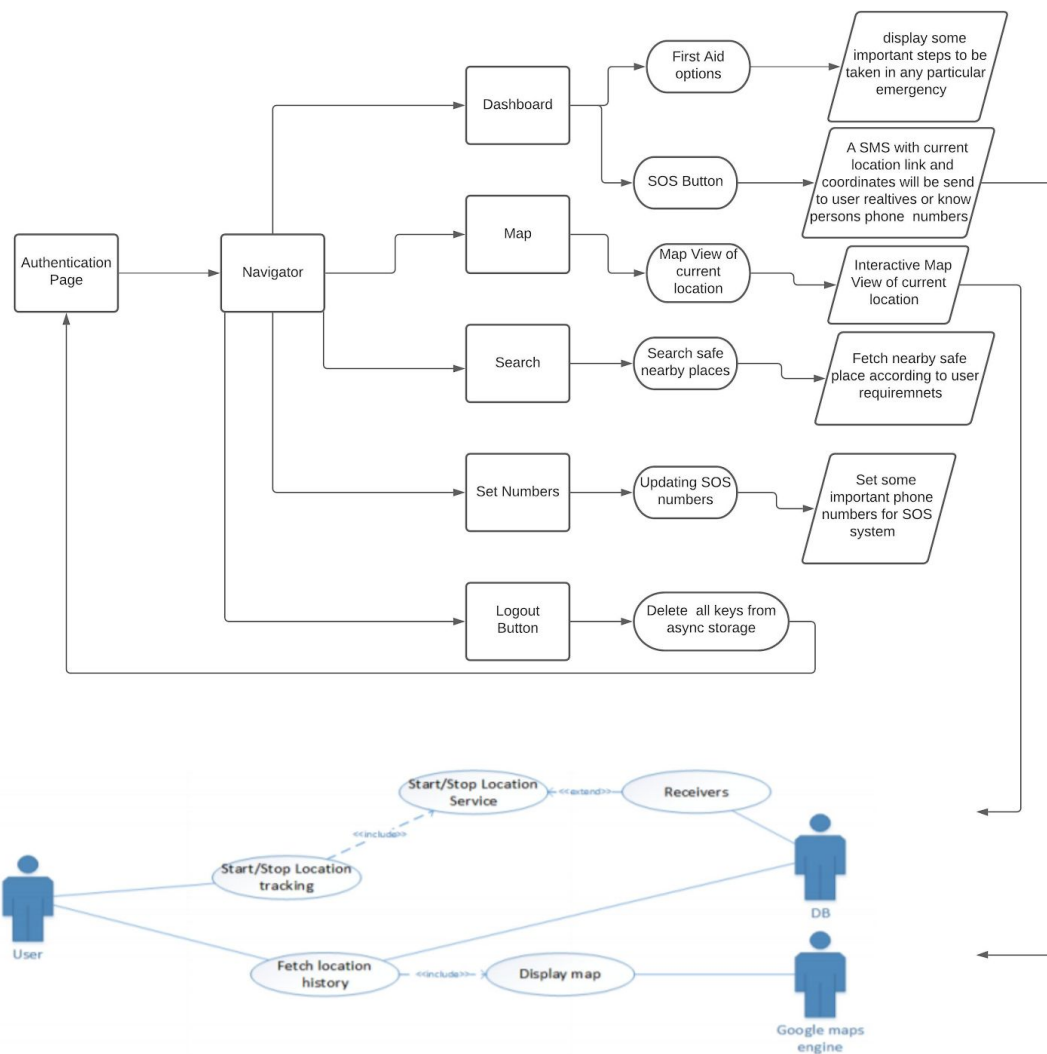
TECHNOLOGIES AND TOOLS USED:

- 1) React Native (Compatibility in both Android and iOS)
- 2) Expo-CLI
- 3) Firebase
- 4) Google-maps API
- 5) Node-js
- 6) VS-code
- 7) Version Control - Github
- 8) React-Navigation

9) Expo Tools


10) Async-Storage

BASIC FLOW OF ACTIVITIES AND EVENTS:



UI SCREENSHOTS:

5:29 5.9KB/s



Email

Password

Name

Phone Number-1

Phone Number-2


Phone Number-3

LOGIN

SWITCH TO SIGNUP

5:22 9.1KB/s

DOOT



Select any Option for first Aid

Snake bite

Get First Aid

