TECHNOLOGY100
A Women Safety Application

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Abstract

In our country, the crime rate against women is increasing at an alarming rate. An application that can help out women in danger is the need of the hour.

We propose a mobile application having features like QR Code scanning, Live tracking, triggers to send emergency messages, consisting of live location to emergency contacts, notifying when a user enters an unsafe zone, chat room , defense tutorials and news notifications. We verify the unsafe locations with the predictions by our ML model.

Keywords-Unsafe Location,Triggers,Emergency

Introduction

The various features of our application are as shown in the figure below.
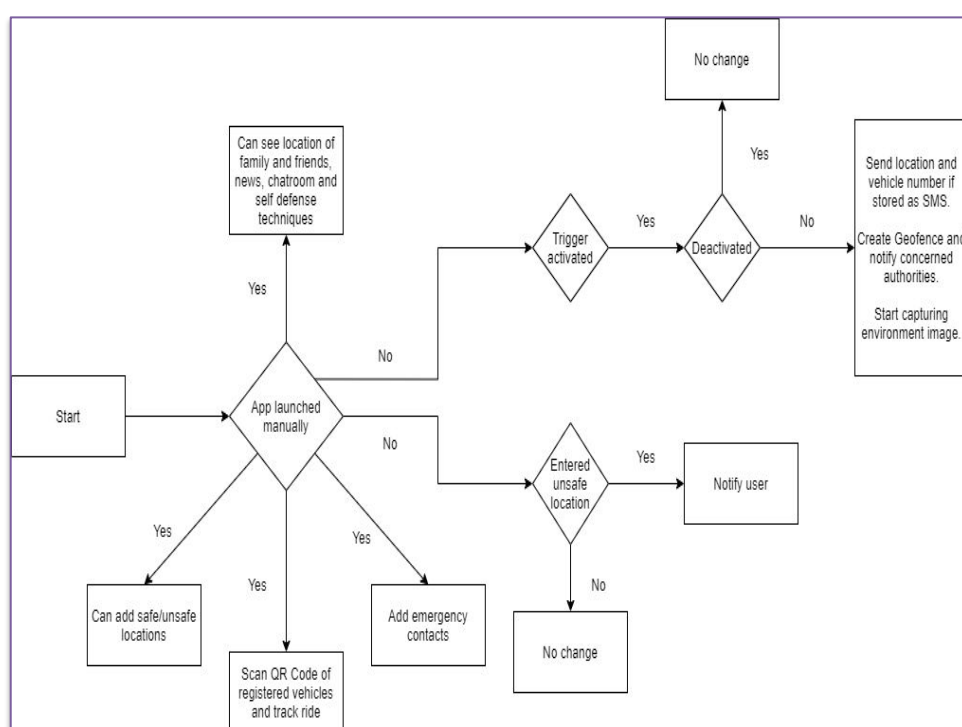

Theory/Issues/Contribution

Features of our proposed app are QR Code Scanner, Fingerprint Scanner, Power Button, Live Location, GeoFencing, Chat Room, Safe and Unsafe Locations, Environment Capture and News Notifications. The issues faced are that the lady should be able to access the trigger buttons and reach out to her phone during an emergency. Also drainage of battery is faced as the app runs in the background. GPS should also be on so that the location can be obtained.

Conclusion

This app does not only focus on emergency situations but also provides precautionary measures. Being proactive is better than waiting for a mishap to occur. The main advantage of this app is that it can be activated by various easily accessible ways. Also the women can change their route on the basis of unsafe locations hence avoiding such situations. As soon as they enter an unsafe location, they are notified and alerted.

References

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