

SafeApp

SafeApp is a simple, fast and free Android SOS app for GPS location sharing via the inbuilt messaging feature of mobile phones.

The following app can prove to ensure security to women and kids in isolated places. With a single trigger from the app, their real-time location can reach to their parents, relatives, and friends. If the user wants to add the contact number of Police station and Hospital it can be more effective in case of accidents or molestation cases.

The above project has a main activity which has a big green colored emergency circular button which has to be pressed in trouble. Then on the top, there are two options.

One to customize the app which allows the user to set the contacts and respective SMS to be sent to each of the contacts along with the longitude and latitude values. The other options guide the user through the features of SafeApp.

Future implementation of the application are:

The application can be integrated with the inbuilt Bluetooth module to get the emergency distress signal from any external device.

Also, the application could handle multiple receivers who can be selected by the user and this customization can be secured using a login password in order to avoid unauthorized access to the emergency settings.

The address of the GPS location can be fetched from the online database of Bing maps. The user interface and design can be improved to make SafeApp user-friendly and attractive.