

ABSTRACT

The safety of women is a concern of increasing urgency in India and other countries. To provide safety for women a good way to reduce the chances of becoming a victim of violent crime is to identify and call on resources to help them out at unsafe situations. Having a safety app on your phone can reduce the reason for the risk situation and add assistance when we need to use it. The existing applications and devices are not much effective as they steal user's personal data. These existing devices can also get deactivated by anyone just by uninstalling it from the device. Unlike the other applications available, which work only at the time of Emergency or Danger, this app can be used as a safety or precaution measure. So that, "Protection is better than cure". So, to aid in the removal of these constraints, we introduce a mobile application called "SHE SAFE", that provides women with a reliable way to place an emergency alert to the police and tot trusted people. The user can make phone call by the help of implicit intent and a message is sent by the help of SMS Manager class and this message is also embedded with the live location of the user which is provided by the help of fused location provider client API by pressing the power button of her phone three times and if tapped six times before 30 secs then a siren alarm gets started in order to deviate the culprit and if again tapped power button 3 times then alarm will stop. The app manifests mainly four features which are Emergency SOS service, Hidden camera detector manually or by the Electromagnetic field detection simulation, women's struggle and empowerment news, Siren alarm. So, these reduce risk and bring assistance when we are in danger the help us to send the location to the contacts.

Keywords : SOS service, API, Electromagnetic field.