

ABSTRACT

During these ongoing technological advancements, the statics of human safety is dropping at the same pace. This had a drastic effect mainly on children, women and old age people. A total of 1,28,531 crimes against children were recorded in India last year, implying that an average of 350 such cases were reported each day during the pandemic, according to an NGO's (Non-Governmental Organisations) analysis of the NCRB (National Crime Records Bureau) data. As well as when taking women safety into account, crime rate against women went up to 131% during the last year.

On focusing that, our intent is to develop the SOS TAG, where it contains a button which will trigger a smart app that leads to send an alert message to their respective guardian, police station and NGOs.

Main aim of this approach is to enhance security and to track individual by using our own smart devices. Since, Internet of Things has a significant technology in a world that can help other technologies to reach up to its complete capability and accuracy as well. Hence, IoT is the choice to implement SOS Tag. This project leads the victim to seek help in any crucial situation. As molestation has increased in a drastic manner.

Here Wi-fi module acts as a medium between smart app in the android platform and the SOS Tag. This unique approach can be used to alert the local users, who are accessing the smart app within 100-300 meters radius along with the specified people.

This unique approach will definitely be a helping hand for the old age people who live/ travel alone and reduces all the harassment problems faced by women/ children and make them feel strong enough to fight the parasites of our society.