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(57) Abstract :
Women's safety in smart cities must be guaranteed. Despite the adoption of various legaland technical measures globally, women's safety remains a global concern. Law enforcementorganizations keep track of criminal histories, which are frequently not readily accessible to thepublic in an understandable format. Although there are a few wearable technologies and mobileapplications that claim to help ensure women's safety, they only use a little amount of social linvolvement and are not particularly effective at assuring women's safety as and when required. There are also several kinds of applications developed in the market for women's safety and security. These applications allow the users to register themselves on the app by creating their account. After making an account, users would be qualified to use all the services intended to protect and empower them. Services include an automated distress SOS to the nearest policestation. These applications can share the location only to a maximum of a single contact. Also,one needs to constantly press the button to share the location at various intervals while saving herself from emergency situations. This project uses the GeographicPositioningSystem(GPS)to pinpoint the locations of women and notifies the closest police stations as well as the generalpublic bybuzzer. So,We suggesta GPS-basedwomen'ssafetysystemwithtwolayers ofsecurity to aid in the problem's resolution. The suggested solution consists of two alerts: a buzzerand a message sent through GSM. If a woman even has the slightest inkling that she might be inperil, she can activate this systemwith the help of GPS and GSM modems. The nerve stimulator produces electricshock pulses that aidin protecting against criminals.

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