A Novel Alerting System for Human Security

Abstract

In today’s world, even though there are super power’s and an economic development, but still there are many crimes against women. The atrocities against the women can be brought in control with the help of security band. This device is a specially designed for women in trouble. Using Raspberry-pi controller for the hardware device is most efficient and it consumes less power. After going through Google we analysed that there are no security device for safety. The user has to carry multiple devices. A device is found which will increase the safety level. System’s used are Raspberry-pi 0 controller and GSM, GPS, Temperature sensor, Heart beat Sensor. The aim of this system is to develop a self defence system especially for women to protect themselves from present day (not physical harassments). The basic approach in this project is to intimate instant location and along with a message to a predefined number like parents, friends, media, and women cell to avoid unfortunate incidents. A single click on this device identifies the location of place through GPS and sends a message comprising this location URL to the registered contacts to help the one in dangerous situations. This would help
to reduce the crime against human.

References


Index Terms

Computer Science

Security

Keywords

Raspberry- pi, Global Positioning System (GPS), SMS Sender, Security, GSM, Temp sensor, heart beat sensor, Security Band