

CHILD AND WOMEN SAFETY USING IOT

(IOT=Internet Of Things)

ABSTRACT:

The proposed system “IoT Based Child And Woman Safety” can be used to locating missing or lost children and also tracking the child movements outside from the home. The system can also be used to locate women who are in danger. We have combined GPS with one of the basic service of a smart phone which is GSM more specifically SMS in one system. Our proposed model contains various sensors which measure different parameters on a regular basis. In case of emergency a message will be sent to parents and/or police, by either pressing the panic button or pronouncing the keyword. The complete system is implemented using Raspberry Pi 3 Model B. Python programming is used interface all the sensors and other hardware. This device is wearable (like a wrist watch), and so it is easy to carry.

Now-a-days women are facing many problems based on their security. The application which is proposed has access to track location and will send messages to the nearby police stations and the scanned phone numbers. This application is not only used for cases like rapes and any perverts teasing girls but this also helps them from any bad condition or any health problem like fainting suddenly.

Keywords: Women safety, child safety, IoT, Raspberry Pi, Voice Recognition, GPS, GSM, MySql database.

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