IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

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IDEA1:

The device has IoT monitoring and a GSM module that allows the child to be monitored at all times. It also has numerous sensors that are connected to   and are used to detect exact signals such as heart rate, temperature, and other dangers and alert the parents. In the event of a power outage, the wearable serves as a backup. On the device, there is an additional panic button.The purpose of this button is to notify parents and the police of a child's current location whenever they are in a perilous scenario. A GPS module is utilised to access their present location, and a GSM module assists in transmitting the information via SMS to designated contacts. In this approach,the device tries to provide child safety while remaining unobtrusive.

IDEA2:

Our proposed system is based on the Internet of Things-based Smart Child Safety Wearable Device System designed as an efficient and low-cost IoT-based system for monitoring infants in real-time. This system plays a key role inproviding better care for the lost children until they reconvene with the parents. In this present era, most of the wearable devices today are designed based on the location , activity ,temperature,pressure, etc of the child and in form the parents via GPS. Therefore it is intended to use voice call as the way of communication between the parent mobile and child' swearable device.The system operates on the microcontroller board and the functionsofsending and receiving notifications,calls,voice messages via GPS.