



LITERATURE SURVEY OF IOT BASED SAFETY GADGET FOR CHILD MONITORING AND NOTIFICATION

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Paper Title:IoT Based Smart Gadget for Child Safety Monitoring and notification

Author(s): H. M. Jayashree, N. Komal , K. Nayana

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Abstract:

Child safety monitoring and notification is a major concern as the more number of crimes on children are reported nowadays. With this motivation, a smart IoT device for child safety and tracking is developed to help the parents to locate and monitor their children. The system is developed using LinkIt ONE board programmed in embedded C and interfaced with temperature, heartbeat, touch sensors and also GPS, GSM & digital camera modules. The novelty of the work is that the system automatically alerts the parent/caretaker by sending SMS, when immediate attention is required for the child during emergency. The parameters such as touch, temperature & heartbeat of the child are used for parametric analysis and results are plotted for the same. The above system ensures the safety and monitoring of children.

Paper Title: Child Safety Monitoring System Based on IoT

Author(s): N. Senthamilarasi

Published on:2019

Abstract:

Approximately 80% of all child abuse cases reported now around the world involve girls, with the other 26% being boys. In this world, a child goes missing every forty seconds. Children are the foundation of any country, thus if their future was threatened, it would

have an impact on that country's overall development nation. The emotional and mental stability of the children is impacted by the maltreatment, which in turn destroys their future and career. The things that happen to these defenseless kids are not their fault then, parents are in charge of raising their own children. However, given the state of the economy and their desire to put their Parents are compelled to yearn for their children's future and careers. Consequently, it becomes challenging for them to constantly cling to their kids. We have created a setting in our system where this issue can be effectively solved. It enables parents to watch over their kids in real time exactly like they were there with them, as well as concentrating on their own careers without any help from others.

Paper Title: Smart IOT Device for Child Safety Monitoring

Author(s): M Nandini Priyanka, S Murugan, K N H Srinivas, T D S Sarveswararao, E Kusuma Kumari.

Published on: 8 June, 2019

Abstract:

The increased number of recorded crimes against children nowadays raises serious concerns about kid safety and tracking. A smart IoT device for child protection and tracking was created with this purpose. It is designed to aid parents in finding and keeping track of their children. The system's development board is the LinkIt ONE embedded C programming with a temperature interface, pulse, touch sensors, GPS, GSM, and a digital camera modules. The work is innovative since the system automatically sends an SMS to notify the parent or carrier when something is urgent. In an emergency, the youngster needs your care. The characteristics including the child's touch, temperature, and heartbeat results are presented for the parametric analysis using same. Therefore

mentioned mechanism guarantees tracking and safety. The child's touch, temperature, and heartbeat are used as parameters for the parametric analysis, and the results are plotted for the same. The aforementioned system makes sure that children.