

LITERATURE SURVEY

IOT BASED SAFETY GADGET FOR CHILD SAFETY

MONITORING & NOTIFICATION

[1] N.Senthamilarasi, N.Dhivya bharathi, D. Ezhilarasi and R.B.Sangavi:-

Child Safety Monitoring System Based on IOT- NOV 2019 The overall percentage of child abuse cases filed nowadays in the world is about 80%, out of which 74% are girl children and the rest are boys. For every 40 seconds, a child goes missing in this world. Children are the backbone of one's nation, if the future of children was affected, it would impact the entire growth of that nation. Due to the abuse, the emotional and mental stability of the children gets affected which in turn ruins their career and future. These innocent children are not responsible for what happens to them. So, parents are responsible for taking care of their own children. But, due to economic conditions and the aim to focus on their child's future and career, parents are forced to crave for money. Hence, it becomes difficult to cling on to their children all the time. In our system, we provide an environment where this problem can be resolved in an efficient manner. It allows parents to easily monitor their children in real time.

[2] B. Srinivasa Reddy; Y. Manoj Kumar Reddy; S. Suchitra; B. Pavithra:-

The Technical point of this paper is to have an ordinary correspondence between the kid and parent through the gadget which helps in finding the area, pulse and temperature of the kid utilizing the gadget empowered with the pulse sensor, temperature sensor and GPS tracker. This gadget empowers association between the youngster and parent through the WIFI module cooperation utilizing IoT. The parent can get to the kid data intermittently by interfacing through this gadget.

[3]M Nandini Priyanka, S Murugan, T D S Sarveswara Rao, E Kusuma Kumari:-

Smart IOT Device for Child Safety and Tracking Child safety and tracking is a major concern as the 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 Link It 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 an 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 tracking of children.

[4]P. Poonkuzhali¹ , R.Aarthi² ,Yazhini.V.M³ , Yuvashree.S⁴ , Vidhyalakshmi .G:-

Child Monitoring and Safety System Using WSN and IOT Technology This paper presents the design and implementation of a portable IOT-based safety and health monitoring system for children through a sensor embedded health monitoring device for safety and emergency services. It is known that technological advancements are increasing at a faster pace. But the utilization of technologies in various sectors is very low. We know that people of different age groups face different difficulties. But the security for children is very low. There are a lot of cases registered regarding child safety. Nowadays, the schools and the parents are very much worried about their school children for school transport and other places. So, the safety and monitoring of school children is very much difficult. In this project we are introducing the IOT based embedded system used in this project. So we propose a system to continuously monitor the parameters of the child and also their location for safety purposes. The system provides smart child tracking.