

LITERATURE SURVEY

S.NO	AUTHOR	TITLE	DESCRIPTION	DISADVANTAGES
1	Asghar Pasha, Bi Bi Khatija , M. Shaista Tarannum , K. R. Harris , Nida Sayedi , Aseema	Child safety monitoring system based IOT	The idea behind this proposed system empowers guardian to locate children effortlessly. This gadget is modified to consistently screen the subject's parameters.	<ul style="list-style-type: none"> Battery life is less due to smaller device.
2	Lai Yi Heng, Intan Farahana Binti Kamsin	IoT-based Child Security Monitoring System	This research is conducted to propose a child security smart band utilizing IoT technology. By this, parents know what is happening remotely and can take actions if something goes wrong.	<ul style="list-style-type: none"> Hackers may gain access to the system and steal personal information.
3	Senthamilarasi	Child safety monitoring system based IoT	It is difficult for parents to identify their children are being abused. This research is proposed to prevent children before being attacked, an autonomous real-time monitoring system is necessary for every child out there.	<ul style="list-style-type: none"> With the complexity of systems, there are many ways for them to fail.
4	N. Manjunatha, H. M. Jayashree, N. Komal, K. Nayana	IoT Based Smart Gadget for Child Safety and Tracking	The proposed system is equipped with GSM and GPS modules for sending and receiving call and SMS between safety gadget and parental phone, the proposed system also consists of Wi-Fi module using IoT and send all the parameters to the cloud for android app monitoring on parental phone.	<ul style="list-style-type: none"> Communication dependent

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5	Dipali Badgujar, Neha Sawant, Dnyaneshwar Kundande	Smart and Secure IoT based Child Monitoring System	In this proposed system, it mainly focusing on child remote monitoring system and also using the radar devices as well as obstacle sensors which will detect the alert when the child enters the danger zone or else he/she is approaching towards harmful object then alert will be given to the caretaker through the mobile using an alarm or notification.	<ul style="list-style-type: none"> The sensor is placed in the simple locket that is given to the baby,if the locket is missed it will leads to danger
6	Vibha Chandrala ,Niveditha N,Neha B. Reddy ,Urmila N,Deepak G.	Child monitoring system using IoT	The objective behind the project is to design a child safety system through smartphones that provide the possibility to trace child's location as well as during emergency children can alert parents by saying a child is in an emergency via message.	<ul style="list-style-type: none"> Low resolution camera system
7	M. Nandini Priyanka, S. Murugan, K.N.H. Srinivas, T.D.S. Sarveswararao, E. Kusuma Kumari	Smart IoT Device for Child Safety and Tracking	Child safety is a challenging problem nowadays due to antisocial elements in the society. The crime rate is day by day increasing. The solution to this problem is to design an IoT device, which senses the child's location and environment and during emergency, it should send the alert to the parents automatically.	<ul style="list-style-type: none"> Low resolution camera system.

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8	P. Poonkuzhlai, R. Aarthi, Yaazhini.V.M, Yuvashri. S, Vidhyalakshmi.G	Child Monitoring and Safety System using WSN and IoT	This project uses the IoT based embedded system. So, the system is proposed to continuously monitor the parameters of the child and also their location for safety purpose. The system provides smart child tracking and monitoring system.	<ul style="list-style-type: none">• Not robust enough.
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