LITERATURE SURVEY

IoT Based Safety Gadget for Child Safety Monitoring and Notification

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Project Name	Child safety Monitoring

- Child tracker helps the parents in continuously monitoring the child's location. They can simply leave their children in school or parks and create a geofence around the particular location.
- By continuously checking the child's location notifications will be generated if the child crosses the geofence. Notifications will be sent according to the child's location to their parents or caretakers. The entire location data will be stored in the database.

BOOK/JOURNAL	AUTHOR'S NAME	INFERENCE
Smart Security solution for women and children safety based on GPS using IOT,2020	Asmita Pawar, Pratiksha Sagare, Tejal Sasane and Kiran Shinde	In this paper the system intends to a wireless technique in the form of embedded device namely Raspberry Pi for women that will serve the purpose of alerts and way of communicating with secure channels and it captures the image using R-pi camera. There are many android applications for women safety but they as not as much as efficient. So, to solve this issue of women safety we developed a prototype which is easy to use and which is efficient to provide help to that victim.

Parents Perception on Child Safety Wearable Device – A Survey in South Bangalore, 2019	Priya Vaz, Dr.Arthy.C, Advithya.C	Smart watches can perform number of activities for an individual like Voice calling through Mobile application, tracking the location using GPS Technology, geo-fencing (alerts parents and guardians) and message. There are also devices that include cellular connectivity in which child can make an SOS (Save Our Souls) call to a designated number from their smart watch. This technology helps young parents to connect to their children and capture those moments of togetherness, even when they are apart.
GPS Based safety wearable device, 2020	Nazneer Khan, Sayali Martal, Tarun Israni, Yasser Kamal	This project proposes a system of alerting people in case of emergencies by using most advanced technologies. The features included in the project are monitoring a fall whether it's a sudden fall or not with the help of sensors, tracking the location by using GPS, alert in case of emergencies, knowing the status of person by sending message with the help of GSM to the person whose number is registered. Thus, the user can be tracked in case of emergencies by the location received in the message and major disasters can be avoided.

A Safety and Security in Cyber–Physical Systems and Internet-of-Things Systems, 2019	Marilyn Wolf	This paper defines a safety/security threat model for CPSs and IoT systems and surveys emerging techniques which improve the safety and security of CPSs and IoT systems.
Child safety Wearable Device, 2017	Akash Moodbidri, Hamid Shahnasser	This paper discusses the concept of a smart wearable device for little children. The major advantage of this wearable over other wearable is that it can be used in any cellphone and doesn't necessarily require an expensive smartphone and not a very tech savvy individual to operate. The purpose of this device is to help parents locate their children with ease.