Ideation phase
Literature survey

Project-IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION
Team id: PNT2022TMID45390

S.no	LITERATURE PAPER TITLE	AUTHOR	OBJECTIVE
1.	Child Monitoring and Safety System Using WSN and IOT Technology	P.Poonkuzhlai1,R.Aarthi, Yaazhini.V.M, Yuvashri.S, Vidhyalakshmi.G	In this study, the design and implementation of a sensor-embedded health monitoring device for safety and emergency services are presented along with a portable IOT-based safety and health monitoring system for kids. It is well known that technological development is accelerating quickly. However, very little technology is used across a wide range of industries. We are aware that challenges are unique to each age group. However, there is practically little security for kids. Regarding child safety, numerous incidences have been reported. Schools today worry a lot about how their students will get to school and other locations, as do the parents. As a result, it is extremely difficult to supervise and ensure the safety of schoolchildren. We are introducing an embedded system that is IOT-based in this project. To ensure the child's safety, we propose a system that would constantly track their location as well as their physical characteristics. Smart child tracking and monitoring is offered by the system.
2.	Child Monitoring System using GPS Child Tracking System	Sadhana B.,Assistanceprofessor.,Department of Information Science and Engineering CEC Bantwal.Navya	Today's parents raise their kids while working long hours. Due to the increasing security risks children face, both parents must monitor their children's activities. This essay offers a method for utilizing an Android phone to monitor a child's activities. Technology can also provide parents with crucial information about their children's safety. The article also provides instructions on how to use this technique to safely enclose a child. The technology can monitor the child's movements and enclose them in a secure space. It can also provide the parents with the precise geographic data they need. The thing has a camera on it. On an Android phone, it

			can be operated by adhering to the directions from the software hand function. The video camera can capture the child's movements. The major goal of this project is to create a child monitoring system based on the Internet of Things that will allow parents to keep an eye on and recognize their children's behavior even while they are not at home. It is a state-of-the-art baby monitoring system that is smart, safe, and designed to take good care of a newborn. In order to care for and safeguard the child both within and outside of the institution, this method takes into account all the smallest elements. using resources and methods such as Internet of Things (IOT), real-time video surveillance, cloud computing (data storage), and user-generated content An intuitive web application encourages creativity and intelligence (for User Controls). The child is equipped with a variety of sensors and modules that can track every movement. Sensors and module data will be regularly stored and analyzed using information gathered from the cloud
3.	IoT-based Child Security Monitoring System	* Intan Farahana Binti Kamsin2 1,2	Today, there are more crimes involving children, which raises concerns about child protection. The aim of this research is to propose a smart band for child safety that is based on the Internet of Things. Semi-structured interviews and online surveys are two data collection methods. The online survey gathers feedback by asking questions electronically and requesting respondents to submit their answers online. In a semi-structured interview, the researcher meets the respondents and asks them some predetermined questions as well as some unexpected ones. Based on the data collected, a smart band has been suggested to monitor children's safety. Because they are aware of what is happening remotely, parents can intervene if something goes wrong. This gadget will be enhanced in the future by the addition of features and software to create. It functions like a phone, including texting, gallery, Google, and YouTube capabilities while also strengthening child safety precautions.
4.	Smart IOT Device for Child Safety and Tracking	Nandini Priyanka, S Murugan, K N H Srinivas	These days, there are more reported crimes against children, which raises important questions concerning child protection and monitoring. A smart Internet of Things (IoT) device for child safety and tracking has been

			designed to help parents find and keep a watch on their children. A Link It ONE board, which contains embedded C programming, is used to build the system. It connects to temperature, heartbeat, touch, GPS, GSM, and digital camera modules. The technology automatically sends an SMS to the parent or caregiver when a child requires rapid attention during an emergency, which makes the task novel. The findings of the parametric analysis are provided using the child's touch, temperature, and heartbeat as parameters. The aforementioned system ensures the monitoring and security of kids.including recordings of surveillance at home, it detects the movements of people at home, and provide notification when someone enters the house