

Project Design Phase-I

Date	24 September 2022
Team ID	PNT2022TMID01040
Project Name	Project – IoT (Child safety gadget)
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Child safety and tracking is major significant as number of crimes on children occurs. hence parents are more concerned on their kids.
2.	Idea / Solution description	A smart IoT device for child safety and tracking is developed to help the parents to locate and monitor their children. Device is interfaced with temperature, heartbeat, touch sensors and also GPS, GSM & digital camera modules. Using this device parents can easily observe their children.
3.	Novelty / Uniqueness	The system automatically alerts the parents via message whenever the child is out of safety zone and sends another notification if the child comes under the safety zone. Panic button is placed in the device in order to alerts the parents if the child is in danger;
4.	Social Impact / Customer Satisfaction	This mechanism makes parents confident on their child safety and makes children feel secured.
5.	Business Model (Revenue Model)	This device is weightless, accessible, compatible and is useful for the customers. so it increases the revenue of the business.
6.	Scalability of the Solution	The ability to support an increasing number of connected devices, users, application features, and analytics capabilities, without any degradation in the quality of service.