

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID50079
Project Name	IOT based Safety Gadget for Child Safety Monitoring & Notification
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The increasing need for production of the child at present times and also when the child can be lost in crowded areas. Using Bluetooth and Wi-Fi not possible to track larger distance.
2.	Idea / Solution description	Wearable gadget which tracks health condition of the child using Temperature, Heartbeat and accelerometer sensor and sends notification to parents about child's health condition through android mobile application
3.	Novelty / Uniqueness	The system automatically alerts the parents by sending SMS, when immediate attention is required for the child during emergency
4.	Social Impact / Customer Satisfaction	Improved safety index of places, provides freedom for the children with special needs.
5.	Business Model (Revenue Model)	Selling the product directly to the parents Selling the product to the childcare centers
6.	Scalability of the Solution	To help parents locate their child with ease