

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 October 2022
Team ID	PNT2022TMID28571
Project Name	IOT based Child safety and monitoring system
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 main aim of this project is to provide safety to child using smart IOT wearable gadget and android application
2.	Idea / Solution description	This research demonstrates Smart IOT device for child safety and tracking, to help the parents to locate and monitor their children. If any abnormal readings are detected by the sensor, then an SMS and phone call is triggered to the parents mobile
3.	Novelty / Uniqueness	Panic Alert System .The gadget is equipped with panic alert system feature which mainly consist of a button that is triggered only during certain abnormal/panic situations
4.	Social Impact / Customer Satisfaction	Improved safety index of places, providing Freedom for children with special need
5.	Business Model (Revenue Model)	Selling the product directly to the parent(Device with multiple subscription for tracking and notification service)
6.	Scalability of the Solution	This system can be further enhanced by installation of mini camera inside smart gadget for better security so that live footage can be seen on parental phone during panic situations