

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

Date	15 October 2022
Team ID	PNT2022TMID29745
Project Name	Project – IOT based safety gadget for child safety monitoring and 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)	Safety of children is very critical since children cannot protect themselves. A momentary lack in parental supervision should be combated with an appropriate IT solution in context.
2.	Idea / Solution description	In our system, we automatically monitor the child in real time using Internet of Things, with the help of <b>GPS, GSM</b> . This system requires network connectivity, satellite communication, and high-speed data connection when we use web camera and GPS to lively monitor.
3.	Novelty / Uniqueness	The novelty of the work is that the system automatically alerts the parent/caretaker by sending SMS, when immediate attention is required for the child during emergency. The parameters such as touch, temperature & heartbeat of the child are used for parametric analysis and results are plotted for the same
4.	Social Impact / Customer Satisfaction	Safer society for the children. Receive immediate information about child and feel secure.
5.	Business Model (Revenue Model)	Prevention against immediately and safely if in danger
6.	Scalability of the Solution	To monitor health conditions of a child (heart rate, body temperature, body posture).