

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

Date	02 October 2022
Team ID	PNT2022TMID39365
Project Name	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)	a smart IoT device for child safety and tracking is developed to help the parents to locate and monitor their children. The system is developed using LinkIt ONE board programmed in embedded C and interfaced with temperature, heartbeat, touch sensors and also GPS, GSM & digital camera modules.
2.	Idea / Solution description	For location services is GPS and telephony services is SMS, call logs and contact.
3.	Novelty / Uniqueness	This utilizes a Arduino system Along with a Sensor system and Bluetooth 4.1 Module. This Bluetooth module is allow power module. The major disadvantage for this important band is that it employs Bluetooth as the way of communication in between parent and the child.
4.	Social Impact / Customer Satisfaction	Quality, Efficiency, Delightful services, best value, on time delivery.
5.	Business Model (Revenue Model)	Membership fee, featured listing, commission On product order, advertisements.
6.	Scalability of the Solution	The system can be scaled down to village level an can also be scaled for implementation at other status.