

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID11121
Project Name	IOT Based device 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)	Child Safety Monitoring & Notification device based on IOT.
2.	Idea / Solution description	Android-based remedy for real-time monitoring of youngsters by their parents. Various gadgets are connected via internet channels with a single device. The concerned gadget has an internet connection to the server.
3.	Novelty / Uniqueness	child safety measures that contain two major gadgets: BLE and smart devices. Listener apparatus The system also has an Android application. Specifically, the Parental app that will be created and deployed on family phone.
4.	Social Impact / Customer Satisfaction	The parents can use a tool to track their kids in real time or to protect women. The suggested remedy moves the problem location offerings from the GSM module. It permits the parents to receive the whereabouts of their child through SMS.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ➤ Live Location Tracking ➤ Panic Alert Systems ➤ Stay Connected Feature ➤ Health Monitoring System
6.	Scalability of the Solution	Small solar panels can be installed to change the system. For maximising the power of a smart device's battery and backup batteries.