

Project Design Phase-I
Proposed Solution

Date	03 October 2022
Team ID	PNT2022TMID31875
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	2 Marks

Proposed Solution :

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	As we all know, kids are the heartbeat of every parent, and when it comes to a child with special needs, parents have to be extra careful. Parents can't monitor the child by 24/7, if they have work.
2.	Idea / Solution description	<ul style="list-style-type: none">• Our solution is achieved through monitoring the child by developing a wearable device to track the location.• Parameters include temperature, emotions and wet detection using appropriate sensors.• Based on the Sensor values an alert message with location and phone call is initialized and notified to neighbors and end user.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">• Our System offers an GPS tracking and wearable device to get information about the location and also an immediate notification.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• Improved safety, provides freedom for the children with their needs.

5.	Business Model (Revenue Model)	Our system provides a futuristic framework in such a way that new technologies in the market that align with our system can be readily adopted, adding more profit from a revenue standpoint and also offering multiple benefits at a viable cost from a user standpoint.
6.	Scalability of the Solution	<ul style="list-style-type: none"> • It is a portable system. • It is more efficient and costs less. • It requires little maintenance.