

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

Date	13 October 2022
Team ID	PNT2022TMID29469
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"><li>• Our solution is achieved through monitoring the child by developing a wearable device to track the location.</li><li>• Parameters include temperature, emotions and wet detection using appropriate sensors.</li><li>• Based on the Sensor values an alert message with location and phone call is initialized and notified to neighbors and end user.</li></ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>• Our System offers an GPS tracking and wearable device to get information about the location and also an immediate notification.</li></ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>• Improved safety, provides freedom for the children with their needs.</li></ul>

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"> <li>• It is a portable system.</li> <li>• It is more efficient and costs less.</li> <li>• It requires little maintenance.</li> </ul>