

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

Date	29 September 2022
Team ID	PNT2022TMID03720
Project Name	<b>IoT Based Safety Gadget for Child Safety Monitoring and Notification</b>
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)	Parents are often worried about their children when they are out of sight, The aim of this project is to help parents to monitor their children's location and to see whether their child is safe or not. This system provides a tracking solution for the parent to keep tracking their child's location outdoors by using GPS as it allows them to determine the exact location of the child
2.	Idea / Solution description	By using IoT Sms based solution to reduced parent insecurity and schools to track children in real time.
3.	Novelty / Uniqueness	This project is basically for the parents who cannot balance their children and work at the same time and also for nonworking parents. The uniqueness of our project is about geofencing, temperature sensing, and location monitoring
4.	Social Impact / Customer Satisfaction	The ability to locate and track child which gives peace of mind to parents. So that they will be satisfied.
5.	Business Model (Revenue Model)	Child safety monitoring is a guardian angel for the parents who can have the exact location of their child which helps to protect the child from any critical situations. we resolve the problems like high standard geofencing and since we store data in the cloud it can be retrieved when needed.

6.	Scalability of the Solution	Technical complexity is one of the greatest IoT scalability issues. By using right technology is paramount to safeguard .
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