Project Design Phase-I
Proposed Solution Template

Date	07 October 2022
Team ID	PNT2022TMID01305
Project Name	Project –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 the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	In this current world, child safety is important. Parents cannot be in the surrounding of their children and they can't be monitored always, each and every child cannot be secured by security as they are in school they can be monitored by the teachers and staffs present there but in parks and other areas, there will be no one to monitor them.
2.	Idea / Solution description	This is based on child safety and a gadget is developed to monitor the child's location continuously. They can leave their children in school or parks and create a geo-fence around the particular location. Notifications will be generated if the child crosses the geo-fence. Notifications will be sent according to the child's location to their parents or caretakers.
3.	Novelty / Uniqueness	The Novelty of the work is that the system automatically alerts the parents/caretaker by sending SMS,when immediate attention is required for the child during an emergency.The parameters such as touch,temperature, heartbeat of the child are used for parametric analysis and results are plotted for the same.
4.	Social Impact / Customer Satisfaction	The main aim of this project is to assists the parents to monitor their children remotely. In case situations happen, notifications will be sent to parents so that actions can be taken. Through this, child safety can be ensured and crime rate will be reduced.
5.	Business Model (Revenue Model)	We can generate revenue by offering subscription-based applications to the people

		We can notify the child using an application where they can get the safety related notifications.
6.	Scalability of the Solution	Even if the number of users increases the system will perform well. The output is optimal and it can be accessible anywhere and anytime