

Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID40028
Project Name	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 proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"> ➤ Child tracker helps the parents in continuously monitoring the child's location. ➤ They can simply leave their children in school or parks and create a geofence around the particular location. ➤ By continuously checking the child's location notifications will be generated if the child crosses the geofence. ➤ Notifications will be sent according to the child's location to their parents or caretakers. The entire location data will be stored in the database
2.	Idea / Solution description	<ul style="list-style-type: none"> ➤ Without any Interruption of miscellaneous signal for better performance. ➤ It should be compact and it is mostly a wearable one.
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> ➤ If the children cross the geofence area , Snapshot of the current location of the child is notify to the parents. ➤ Without internet the device should be communicate within a short range.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> ➤ Parents do their work properly and peacefully. ➤ Without disturbing the parents work ,only the device alert when the child crosses the geofence.

5.	Business Model (Revenue Model)	➤ The cost of the device is satisfactory to both Customer and the manufacturer.
6.	Scalability of the Solution	➤ To made a separate device for control the gadget. ➤ It transmits the messages even in a hill regions.