Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID39992
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)	➢ 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	➢ Without any Interruption of miscellaneous signal for better performance. ➢ It should be compact and it is mostly a wearable one.
3.	Novelty / Uniqueness	➢ 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	➢ 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.