

Project Design Phase-I
Proposed Solution Template

Date	15 October 2022
Team ID	PNT2022TMID34780
Project Name	Project – IoT Based Safety Gadget For Child Safety Monitoring & 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)	A tracking device that tracks the child's location
2.	Idea / Solution description	<ul style="list-style-type: none"> This device helps the guardian or the Parents to keep their eye on the child without being present They can set boundaries for the child to play by creating a geofence around them In the case of the child going beyond the geofence, Parents or guardians will be notified The location data will be stored in a database
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> This tracking device will be a valuable asset for the parents, Since it guarantees child's safety and protection This tracker wont interfere with the child's day-to-day activities, it wont be a burden for the child Very user-friendly interface
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> Reduces the anxiety, Panic and disconcertment of the Parents when they are not around the child Customer Satisfaction will go up, Since they are alerted of the Child's location and notified if they are in trouble A drastic reduction of Child kidnappings, accidents and injuries.

5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> • Business to consumer Model • Licensing Model • Subscription Model
6.	Scalability of the Solution	<ul style="list-style-type: none"> • By adopting vast data storage techs, controlling the IoT data pipeline and using automated bootstrapping we ensure that the device we are using here is highly scalable