Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID02992
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification
Maximum Marks	2 Marks

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	There is limited application available for tracking children when they are out of parents control and let kidnapping or missing cases occurred.
2.	Idea / Solution description	Child tracker helps the parents in continuously monitoring the child's location. By continuously checking the child's location notifications will be generated if the child crosses the geofence.
3.	Novelty / Uniqueness	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.
4.	Social Impact / Customer Satisfaction	The main ideology is to help the care taker of the children to ensure their safety and also with the social responsibility to reduce child abuse.
5.	Business Model (Revenue Model)	The proposed system is equipped with GSM and GPS modules for sending and receiving call and SMS between safety gadget and parental phone, the proposed system also consists of Wi-Fi module used to implement IoT and send all the monitoring parameters to the cloud for android app monitoring on parental phone
6.	Scalability of the Solution	Our system can operated over various network providing a received signal strength indication and without any modification.