Project Design Phase-I
Proposed Solution

Date	24 September 2022
Team ID	PNT2022TMID11105
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Child Safety Monitoring & Notification is mainly used for identifying the child's danger or behavior and if there is any change in the behavior or anything that would cause danger to the child.
2.	Idea / Solution description	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.
3.	Novelty / Uniqueness	In our project, it will provide a sense of security for the parents to send their child to any place without worrying about their safety. Since our Child Tracker application would provide their location and notifications will be sent to their parents or caretakers.
4.	Social Impact / Customer Satisfaction	The User would get satisfied since they have their child's location and will be notified for all their behavior. During emergency situation our child tracker would be a great use for the public user.
5.	Business Model (Revenue Model)	There will not any profit for this project. It is fully service based application.
6.	Scalability of the Solution	Our Future plan is to extend this application to make it more scalable. We are here to include Some notification to notify the parent that their child is going in correct direction or going in the wrong direction.