

Project Design Phase-I
Proposed Solution

Date	24 September 2022
Team ID	PNT2022TMID22281
Project Name	Project – 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 plays a vital role in today's world. But parents are really busy with their works and it's a challenging task for them to monitor their child. So, with our safety gadget we can actually monitor the child's location and can also set the geo fence. If the child crosses the geofence the notification is sent to their respective parents.
2.	Idea / Solution description	For monitoring the child's location we are using IoT approach. Using that the child's locations is stored in the database. Parents or caretakers are allowed to set the geofence. If the child tends to cross the geofence the device will send the notification.
3.	Novelty / Uniqueness	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.
4.	Social Impact / Customer Satisfaction	When child crosses the geofence the notifications are generated and sent which will be the main area of the customer satisfaction.
5.	Business Model (Revenue Model)	Business to Customer (B To C)
6.	Scalability of the Solution	With businesses and processes changing daily, there will always be demand for new features, products and services for your business. With this safety gadget parents can track their child anytime and anywhere.