

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID04693
Project Name	Project - IoT Base 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)	In Today's world technology has improved our quality of life. Also Children have direct access to this growing technology. By using these technologies, security also improved for them. Nowadays most of the parents are doing more than one job after the pandemic. So they can't make time with children. So parents need to keep the children happy with their friends and also with security. So they need to monitor the children's location in a certain interval of time.
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	The app will push the live location of children and alert messages when the child is near the geo fence and also it helps to find the psychological behaviour of the present condition of the child.
4.	Social Impact / Customer Satisfaction	This device will cause an impact on many people as it concerns child safety. Because in today's society children are susceptible to danger. They need to be secured by this advanced technology so parents need not worry about their kid's safety so they will look at their future.
5.	Business Model (Revenue Model)	The app is also available offline for known locations by downloading offline maps. There will be no ads as it is user friend. Also it has subscriptions for different aspects like behavioural condition and others. It has

		notification access so need not to monitor the location always and also it has alert messages so parents can focus on their jobs.
6.	Scalability of the Solution	The live tracking needs the data for past location and frequently visited locations are stored in database for emergency purposes also it will helps to find the safest locations.