

## Project Design Phase-I Proposed Solution Template

Date	18 October 2022
Team ID	PNT2022TMID43421
Project Name	IoT Based 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)	Basically, child cannot complain about problems which they face in their day to day life to their parents. They can't even realize what actually happens to them in their early age. It is also difficult for parents to identify their children are in trouble. Parents can't monitor their children 24/7
2.	Idea / Solution description	The solution for this problem is to create a child tracker device(Gadget) through which parents can monitor their child's location anytime. An alert message will be sent to parents or guardian when the child crosses the geofence. An emergency button is given in the device to notify parents, when the child is in trouble. All the data are stored in the database
3.	Novelty / Uniqueness	The novelty of the work is that the system automatically alerts the parent/caretaker by sending notification, when immediate attention is required for the child during emergency.
4.	Social Impact / Customer Satisfaction	The parents need not worry about their child's location and safety as they will get alert messages in case of any trouble.
5.	Business Model (Revenue Model)	The model of the gadget is wearable device. like watch. That consist the GPS to track the location of the person .The device is cost efficient, and easily wearable. Because the device was used by the person everyday.
6.	Scalability of the Solution	The scalability of the solution is that we can use the gadget 24 hours that can sense and send the information to the parents and guardians in the right way and at the right time.