

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID30906
Project Name	IOT BASED SAFETY GADGET FOR CHILD 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)	The main issues nowadays are children trafficking. Parental care is majorly missing since both of them are working .Child Health condition has to be taken care and to solve these problems this child safety monitoring and notification came into account.
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 geo fence around the particular location. By continuously checking the child's location notifications will be generated if the child crosses the geo fence. 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	Our Proposed system includes more safety features in the wearable gadgets and the coverage of geo-fence is high comparing to existing system.
4.	Social Impact / Customer Satisfaction	CHILD: Return home safely without any hindrance. PARENTS: They can be peaceful and monitor the status of their child from remote
5.	Business Model (Revenue Model)	Highly recommended model due to its advanced features and can be affordable. Its user friendly nature makes this more popular in market.
6.	Scalability of the Solution	The proposed model is IOT based and hence it will support more number of devices without any degradation in the quality of performance

