

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID08696
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)	Cases of children missing has been increasing to minimize the crime and provide safety assurance to parent's certain safety measures are required like monitoring the location.
2.	Idea / Solution description	A smart band based on IOT technology that is capable of tracking the location and sending the information to relevant users.
3.	Novelty / Uniqueness	Including features such as geo fencing using the location from GPS for monitoring the moment of the children for safety purposes
4.	Social Impact / Customer Satisfaction	Improved safety index for children, freedom for children with special needs. Reducing crime rate by providing safety measures.
5.	Business Model (Revenue Model)	Product is mainly focused to attract parents as they provide a sense of safety. The product along with the cloud service subscription can be sold.
6.	Scalability of the Solution	As the product is offered with subscription service , further development in both software and hardware can be made