

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNP2022TMID46762
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)	The child needs to be monitored even when the parents are distracted. A momentary lack in parental supervision should be combated . The child needs to stay generally within the line of sight. It is necessary for the proposed system to alert the parents when the child walks too far away and outside the „circle of safety“ even if the parents are distracted. If the child does go missing, the aid of technology can increase efficiency and decrease the time necessary to locate the child. The child needs to be located, only at the will of the authorized persons .
2.	Idea / Solution description	Early childhood development is crucial to how a person develops later on in life. Reasons for a how a person acts, behaves, and thinks can be traced back to their childhood circumstances and environment. Parents also play a very important role in a child's development.
3.	Novelty / Uniqueness	Although there is certainly some influence we parents can have on who our children ultimately become, the essence of who your child is isn't actually something that can be changed very much. Realizing this is a light bulb moment for many parents who may be trying to push their child be something they are not or something they, as parents, wish their child would be.
4.	Social Impact / Customer Satisfaction	social and economic costs Child abuse and neglect is, at a minimum, any recent act or failure to act on the part of a parent or caretaker, which results in death, serious physical or emotional harm, sexual abuse or exploitation (including sexual abuse as determined under section 111), or an act or failure to act which presents an imminent risk of serious harm.

5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ▪ Contrast your concept through competition ▪ Leverage local marketing tactics ▪ Keep an updated tech toolbox ▪ Commit to quality and your core focus
6.	Scalability of the Solution	<p>It is a IOT based project and their approach is to monitor school bus in this new era of smart cities.</p> <p>As there first attempt was to recognize the speed of bus and calculate the arrival time of child to inform their parents.</p>