Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID39165
Project Name	IOT Safety Gadget For Child Safety Monitoring & Notification
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	**1.Network issue (limitedsurrounding):** Reset the TCP/IP stack using integrated Net shall Utility Tool. **2.Battery Failure:** (i) Turn on darktheme Turn on adaptive Battery Set the brightness automatically change. (ii) Place your device in a cool moisture Free environment that's lessthan 32C 90F.
2.	Idea / Solution description	**1. Panic button:** (i) easy to reach. (ii) Wireless and battery. (iii) powered Inbuilt buzzez alarm. (iv)Robust ergonomically designed. **2. Make your school digital with owned Lora network:** (i) Auto controlof lighting. (ii) AC heating all communication encrypted. (iii) Cloud based solution for easy access to parents.
3.	Novelty / Uniqueness	1.Parents sends an SMS using some keywords such as TEMPERATURE , LOCATION ,SOS,BUZZ etc..,, 2.This result in knowing the location of their child.

4.	Social Impact / Customer Satisfaction	1. The internet of things brings internet connectivity to everyday electronics devices(e.g security cameras and smart Tvs) 2. improve their functionality and efficiency how ever serious security and privacy concerns have been raised about the Iot which impact upon customer trust and purchasing.
5.	Business Model (Revenue Model)	1. The business models today can be categorized by two variables. 2. The first variable is the market that you are targeting such as kids in the home the consumer market or kids in schools these are different markets and are dividing lines among business models. 3. The second variable is the revenue model whether ad supported or fee based subscription or licensing I am excluding e-commerce.
6.	Scalability of the Solution	1. The first one is they get an alert message (SMS) for the registered phone number. 2. The next one is they receive an graphical representation which shows the latitude,longitude,MEMS sensor and vibration sensor of the child's activities through "Think Speak". from the notification the parents can find their child critical state.