

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID46774
Project Name	Project – 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)	Parents have No other Option for View the Exact Scenario of the Children in Emergency Situation when they away from them.
2.	Idea / Solution description	We have Overcome this Issue in Our Proposed Solution by using Web camera. When Children leave Geofences and the time of Panic Button is On, the Alert Will be Sent to the Parents /Gaurdians and they can able to view the live streaming video of children where they are now. The LED will blink when the children get out of the geofence .
3.	Novelty / Uniqueness	The Uniqueness in our Solution is we have attached a Webcamera so that the Parent can know their child's status in emergency Situation. The LED (red) will blink when it's go out of Geofence.
4.	Social Impact / Customer Satisfaction	In case Situations happen, As Notifications will be sent to Parents with a Video so that Actions can be done on right time. Through this, Child Safety can be ensure and Crime rate will be reduced. The LED (red) blink indicate the children it's not a safe zone. Parent can keep their children Safe and Secure with tension free minded when they away from them.
5.	Business Model (Revenue Model)	In Market, Such as Kids in the Home, the consumer market, or kids in Schools. The revenue model is whether ad-supported or fee-based subscription or licensing.
6.	Scalability of the Solution	This Gadget Consists of Webcam, Panic Button, GPS Tracker, LEDs(Red-Alert the children when out of geofence , Green- This Indicates the GSM Signal , White- ON When Charging, OFF-When charge is full ,Blue-This shows the GPS Signal.)

