

Project Design Phase – I

Proposed Solution

Date	20 September 2022
Team ID	PNT2022TMID06857
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification
Maximum Marks	2 Marks

Proposed Solution:

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	In today's world with lots of ongoing crime related to children, parents want a reliable way through which they can ensure their child's safety.
2.	Idea / Solution description	To create an IOT device through which the parents can set geofence for their child.
3.	Novelty / Uniqueness	To send accurate location data and send notification as soon as child goes out of the safe zone.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• Reduce in crime rate related to children.• Peace of mind for parents.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">• This device can be used for school going children.• The device can also be used for tracking a vehicle in case of a theft.• The device can be modified for the use of women.
6.	Scalability of the Solution	<ul style="list-style-type: none">• The battery life of the device can be improved by a lot.• The location accuracy can be improved.• The size of the device can be reduced.