

## Project Design Phase – I

### Proposed Solution

Date	1 NOVEMBER 2022
Team ID	PNT2022TMID03213
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 message 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"><li>• Reduce in crime rate related to children.</li><li>• Peace of mind for parents.</li></ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"><li>• This device can be used for school going children.</li><li>• The device can also be used for tracking a vehicle in case of a theft.</li><li>• The device can be modified for the use of women.</li></ul>
6.	Scalability of the Solution	<ul style="list-style-type: none"><li>• The battery life of the device can be improved by a lot.</li><li>• The location accuracy can be improved.</li><li>• The size of the device can be reduced.</li></ul>