Project Design Phase-I
Proposed Solution Template

Date	19th September 2022
Team ID	PNT2022TMID14748
Project Name	Project - IoT Based Safety Gadget For Child Safety Monitoring & 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)	I) Parents will not be able to monitor their children's whereabouts at all times and can't relax without knowing the exact location of them. II) Parents cannot know if their children are in a hazardous or unsafe environment. III) Parents cannot know the previous location history of their children to find any lost belongings of them.
2.	Idea / Solution description	I) Child tracker helps the parents in continuously monitoring the child's location. They can simply leave their children in school or parks and create a geofence around the location. II) By continuously checking the child's location notifications will be provided if the child crosses the geofence. Notifications will be sent according to the child's location to their parents or caretakers. The entire location data will be stored in the database. III) Child can also initiate emergency notifications to the parents incase of unsafe situation.
3.	Novelty / Uniqueness	I) Easily understandable software. II) Security. III) 24/7 monitoring. IV) Fast tracking.
4.	Social Impact / Customer Satisfaction	I) Cases of child disappearances, kidnapping , child accidents can be reduced drastically. II) Parents can be relaxed knowing their child's status especially when they are at a far distance from them. III) Parents can act quickly when their children are in a danger. IV) To reduce the anxiety, nervousness of a parent.

5.	Business Model (Revenue Model)	I)Selling the product to child care organizations or centers. II) Selling the product via e-commerce. III) Premium. IV) Licensing Model.
6.	Scalability of the Solution	I) Reliable. II) Cost effective. III) Highly scalable.