

Project Design Phase-I
Proposed Solution Template

Team ID	PNT2022TMID04693
Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring and Notification

Proposed Solution Template : Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement	<p>Now a days the employment is increased both men and women are working equally, so they are not taking care of their children. So, they can't monitor their child's activity continuously.</p> <p>When they went to out side there may be chance for lost their children to track the location of the child which makes the parents nervous.</p>
2.	Idea / Solution description	<p>Our idea is to develop an app which shows the location of the child through the GPS module. Create a Geo-fence around the location of the child to continuously check whether the child is within the range of the Geo-fence. If the child crosses the range of the Geo-fence a notification will be automatically generated and will be sent to the parents/caretaker.</p> <p>A notification is send to parents about the location of the child.</p>
3.	Novelty / Uniqueness	<p>On condition different types of notification for different types of situation.</p> <p>The device will automatically send a notification to the parents if it is required from the cloud.</p>

4.	Social Impact / Customer Satisfaction	This device create awareness and importance of the child safety. This will create a safe and peaceful environment for both the parents and the children by making the parents relaxed by knowing the child's location and providing the freedom for children.
5.	Business Model (Revenue Model)	The premium subscription of tracking and notification service (without ads) will be given to parents if they buy this product. If they like this usage of the device they can pay and get

		subscription for different duration and packs. By using this device the parents can feel relaxed about their children and can concentrate on their work.
6.	Scalability of the Solution	The continuous tracking of the child's live location and storing the names of the past location the child has visited in a database for the use of any emergency purposes