Ideation Phase

Date	27 Oct 2022
Team ID	PNT2022TMID33339
Project Name	Project - IoT Based Safety Gadget for child Safety Monitoring and Notification

Problem Statement

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 particular location. By continuously checking the child's location notifications will be generated 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. A smart IoT device for child safety and tracking is developed to help the parents to locate and monitor their children. The system is developed using LinkIt ONE board programmed in embedded C and interfaced with temperature, heartbeat, touch sensors and also GPS, GSM & digital camera modules.

Problem Statement Template

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Parent	Monitoring the child location	It is very difficult to monitor	It shows only the current location but it doesnot monitor	panic
PS-2	Parent	Track and Monitor the child location	It is very difficult to find the location	It only shows the approximate location	Unclear