Ideation Phase
Define the Problem
Statements

Date	26 September 2022
Team ID	PNT2022TMID33419
Project Name	**IoT Based Safety Gadget for Child Safety Monitoring and Notification**
Maximum Marks	2 Marks

Problem Statement:

More family's spent their time for work and social duties but since Children are a gift of GOD they need care of the family. The current situation of our country is not comfortable for monitoring children in school. With the absence of a child monitoring system it is hard to monitor the whereabouts of children.

The poor performance of families and schools to monitor the children's by Collaboration. The use of manual systems to connect families and their students most of the time teachers or other persons are intermediate between the students and family. In our country families and their children have no direct contact in school when they need to contact their children if the families came to school.

Lack of child monitoring in school affects the child's behavior. Under age children may be premature in the way they act and places to be. Most human behavior is shaped in the childhood stage, in order to get morally acceptable behavior a child monitoring system is necessary.

Children are prone to many accidents. Safety of children is very critical since children cannot protect themselves.

I am	Child protection is the safeguarding of children from violence ,exploitation, abuse , and neglect.
I'm trying to	- To track and get exact location of children - It increase the interaction of families with their children - They whole day information about children - To store and retrieve the necessary data on the families mobile phone using real time sensors - Child has the ability to connect different sensors - Families Feeling safe about children - Allows a parent to more easily locate the troubled child
But,	The project contribution is sensing the children's status and displaying the output. This system also provides the real time data to be available on mobile phones, so that it can send text messages to all the sensor data gathered from the children.

Because	- The system shall allow the user or family to register a phone number. - The system shall provide reports for the ongoing day to day activity both for the schools and families. - The system should provide all the sensed data from each sensor sent by text message.
Which makes me feel	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 (PS)	I am	I'm trying to	But	Because	Which makes me feel
PS-1	Nobita	The current situation of our country is not comfortable for monitoring children in school.	send text messages to all the sensor data gathered from the children.	The system shall allow the user or family to register a phone number.	A smart IoT device for child safety and tracking is developed to help the parents to locate and monitor their children.

| PS-2 | Oscar | They spend the whole day learning about children. To store and retrieve the necessary data on the family's mobile phone using real time sensors. | that it can send text messages to all the sensor data gathered from the children. | The system should provide all the sensed data from each sensor sent by text message. | 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. |