Ideation Phase
Define the Problem Statements

Date	18 October 2022
Team ID	PNT2022TMID24203
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification
Total number of members	4
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Customer Problem Statement Template:

I am	Describe customer with 3-4 key characteristics -who are they child (0-5) yrs	Customer are parents who having child and willing to take care of their child
I'm trying to	List their outcome or "job" the care about what are they trying to achieve	The parents are trying to achieve their child in safer side.
But	Describe what problems or barriers stand in the way – what bothers them most	The parents can't able to spend more time with the child Inspite of their work.They can't able to safe their child to overcome this situation parents from their workplace itself can monitor their child

Because	Enter the "root cause" of why the problem or barrier exist what needs to be solved	Ultrasonic sensor is fixed to the device with the child when any object exist near child using pieze buzzer alarm established and SMS & Mail will automatically hit the parents Mobile .SMS and Mail again and again Noticing is quite difficult

The needs to solve: Everyone give more importance to call rather than SMS and mail.Hence using dialing/ calling method is used to overcome this problem |
| Which makes me feel | Describe the emotions from the customer 's point of | It reduce the customer stress and feels them relax |
| | view – how Does it impact them emotionally | |

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A parent	Want to save their child	It is difficult to save their child from their workplace	The SMS or Mail will not be seen again and again	Get stress
PS-2	A parent	Want to save their child	It is difficult to save their child from various place	The alarm buzzer will may disturb the child	Disturb the child
PS-3	A parent	Want to save their child	It is difficult to save their child	Wi-fi and Bluetooth are used	It may in certain range