

Ideation Phase
Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID00975
Project Name	IOT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	4 Marks

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Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

 5 minutes

PROBLEM

- To prevent the child from being trafficked or from being lost , child safety gadgets are created.
- Child safety gadgets should be flexible and small, so that children can carry it everywhere.
- Safety gadgets that created should not affect children's mental health.
- Gadget is designed based on IOT and it shows the location of the children.
- The network connection should be stable to find the location of the children.



Key rules of brainstorming

To run an smooth and productive session



Stay in topic.



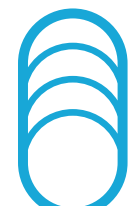
Encourage wild ideas.



Defer judgment.



Listen to others.



Go for volume.



If possible, be visual.

Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

DHARSHINI K M

The device should be children friendly

Quick recovery of network connections incase of bad signal reception

Buzzer or SOS light to alert gaurdians of danger

Turningoff device whenever unnecessary so the child is'nt dependent on the technology

DEEPALAKSHMI M

A device should be useful to find the real time location of lost child.

These devices should also help parents to set a parameter for their children, when they leave the house.

This device should also useful for the teenager(especially for girls).

The GPS tracker used in this device is helpful for parents to find their children's location.

ABIRAMI S

If child have heart problem, then this device used to detect the heart rate.

This device can also monitor the blood pressure, temperature of the children

Appearance of the device can be fashionable

Real time location tracking

ANJALI K

Voice messages can be sent

This device used to track the health conditions of the children

This device gives notifications to the parents if the children crosses the geofence.

Smart phones are used for locations which is useful for parents to easily.

DIVYAVARSHINI K K

Camera access to ensure the child's safety

The device should be compatible

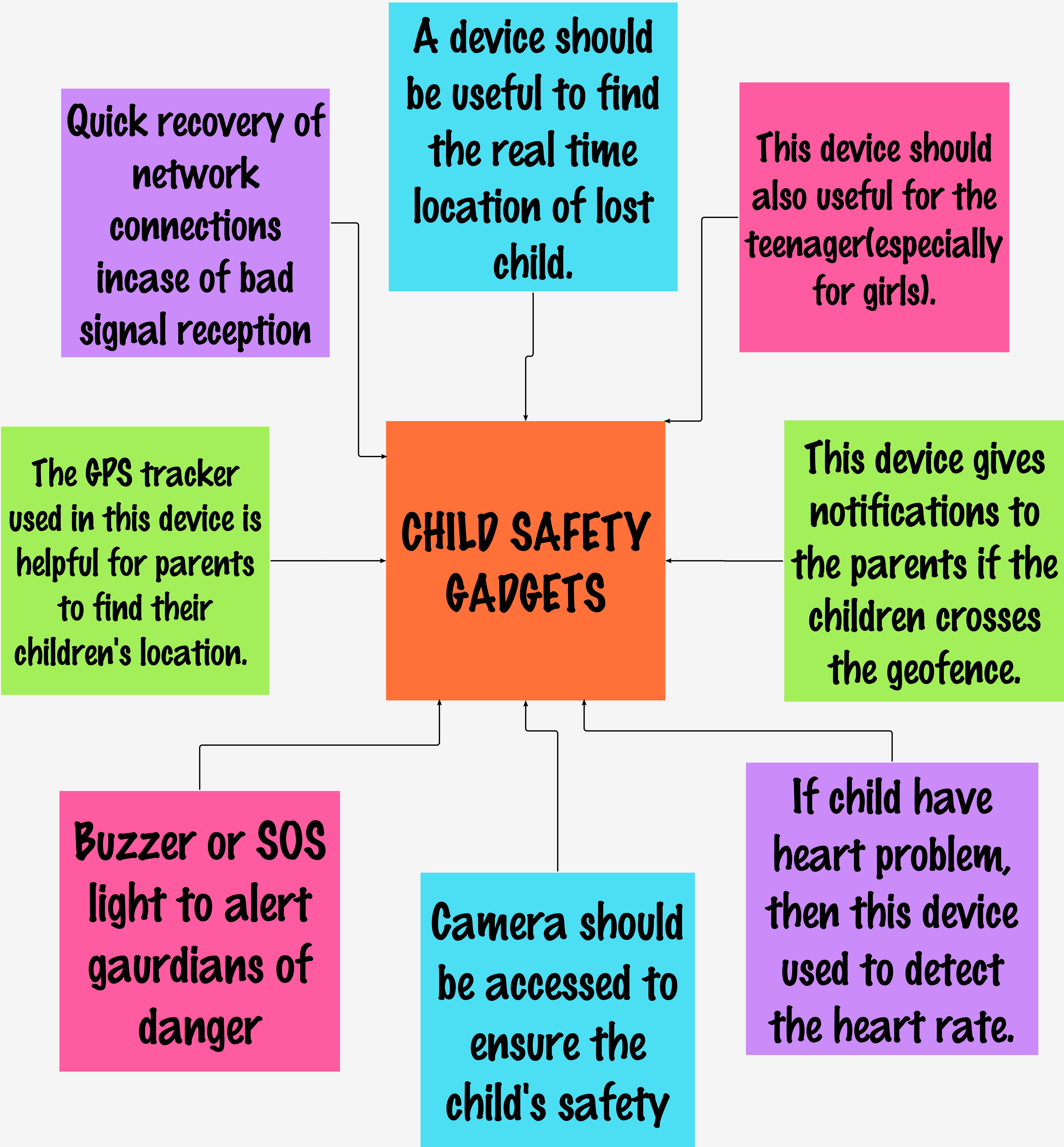
Notifications on Battery life of the device for precaution

Device should be rechargeable

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

🕒 20 minutes



Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

🕒 20 minutes

