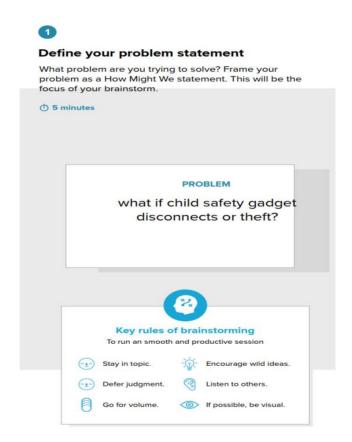
Ideation Phase Brainstorm & Idea Prioritization Template

Date	28 SEPTEMBER 2022
Team ID	PNT2022TMID44574
Project Name	IOT based safety gadget for child safety monitoring and notification
Maximum Marks	4 Marks

Step-1: Team Gathering, Collaboration and Select the Problem Statement





Brainstorm

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

and the correct

mapping to the location.

it affects the

child's

future.

boundary of

is battery.

the issue is the

parent doesn't

know panic

situation of child

when the child's geofence not works due to humidity,..

the issue will occur if the child gone over the geo fence or communication is not strong.

overcome by forming Zig bee and connect the deices to zig

issue occuring in location not marked or mismatched to safety location

it is important because for the child's safety

GEETHA

The device materials can hazardous rays

> The child's current activity cannot be notified

Parents have fear about the child

The health of the child to be considered

The issue

occuring in

pointing the

location of

child

If the tracking is

lost the childs place is

unidentified.

So,we focus on other way.

We concentrate on the gps and other The child location only communication devices in iot tracked by aps

The issue was the location was not find

If the communication between child and parents where disconnected

The child's gps

not work we can't identify

the place of the

The rays causes health issues

BARATHAN

does they get an incorrect information

may be the child informations inerrupted

body temperature, pulse rate may be incorrect

Child's body temperature may affect bydevice temperature

To know the childrens location if they are missing

to know the health information of the child

to reduce interrupt to get correct information of the child

NAGARAJ

The performance will be difficult to maintain.

Data & information are not able to read/write.

We can only view the last active location of the child.

The parents will be mentally affected and child will be lost

When the database crashes.

To ensure that the child is safe & sound.

When child is unsafe.

Surrounding around the child.

Where the place cannot recharge the device.

In order to get the information about child safety works smoothing & accurately.



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.

(1) 20 minutes

Based on location:

We can only view the last active location of the child.

issue occuring in location not marked or mismatched to safety location

based on health

The device

materials can

vomit

hazardous

rays

Device heat

may affect

the child

To know the childrens location if they are missing

the issue is if the GPS data doesn't pushed to dashboard due to delay in satellite communication it creates big problem

Child's body

temperature

may affect

bydevice

temperature

to know the

health

information

of the child

the issue is when child crosses some safety location marked by parents, it want to send message to parents ,if location not mapped correctly problem occurs

> it affects the safety of the child and create the panic to

parents If the

communication between child and parents where disconnected

We concentrate

on the gps and

other

communication

devices in iot

based on communication

Data & information are not able to read/write.

based on data

to reduce interrupt to get correct information of the child

When the database crashes.

the issue will occur if the child gone over the geo fence or communication is not strong.

the boundaries of the problem is delay in communication.

the issue is if the GPS data doesn't pushed to dashboard due to delay in satellite communication it creates big problem

based on safety

accurately. it is important because the message has to be sent to parents when child gone to

> the issue is the parent doesn't know panic situation of child

danger area.

In order to get

the information about child

safety works

smoothing &



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.

① 20 minutes

