

# 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**

what if child safety gadget disconnects or theft?



#### Key rules of brainstorming

To run an smooth and productive session





Encourage wild ideas.





Listen to others.





If possible, be visual.



#### Brainstorm

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

① 10 minutes

# Viran an an experience sent to parents when child gone to

it is important because the message has to be sent to parents

the issue is if the GPS

data doesn't pushed

to dashboard due to

delay in satellite

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

issue

reach to

parents

communication it creates big problem occuring in data doesn't

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

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.

communication.

the boundaries

of the problem

is delay in

If the

communication

between child

and parents

where

disconnected

The child's gps

not work we

can't identify

the place of the

child

The child

location only

tracked by

gps

The issue

was the

location was

not find

The rays

causes

health

issues

the boundaries and the correct mapping to the location.

it affects the

child's

future.

this can be overcome by forming Zig bee and connect the deices to zig bee.

issue occuring in location not marked or mismatched to safety location

it is important because for the child's safety

the boundary of the problem is battery.

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

### Naveena

The device materials can vomit hazardous rays

> The child's current activity cannot be notified

Parents have fear about the child

The health of the child to be considered

We concentrate on the gps and other communication devices in iot

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.

# Naveen rajr

does they get an incorrect information

may be the child informations are 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

Maithees kumar

# Manikandan

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.

When child is unsafe.

The parents will be mentally affected and child will be lost.

Surrounding around the child.

When the database crashes.

Where the place cannot recharge the device.

To ensure that the child is safe & sound.

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.

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

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

# based on safety

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

If the between child and parents where

parents

We concentrate on the gps and other communication devices in iot

the boundaries of the problem is delay in communication.

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

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

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

child

based on communication

communication disconnected

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

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

Device heat may affect the child

based on health

The device

materials can

vomit

hazardous

rays

to know the health information of the child

Child's body

temperature

may affect

bydevice

temperature

Data & information are not able to read/write.

based on data

to reduce interrupt to get correct information of the child

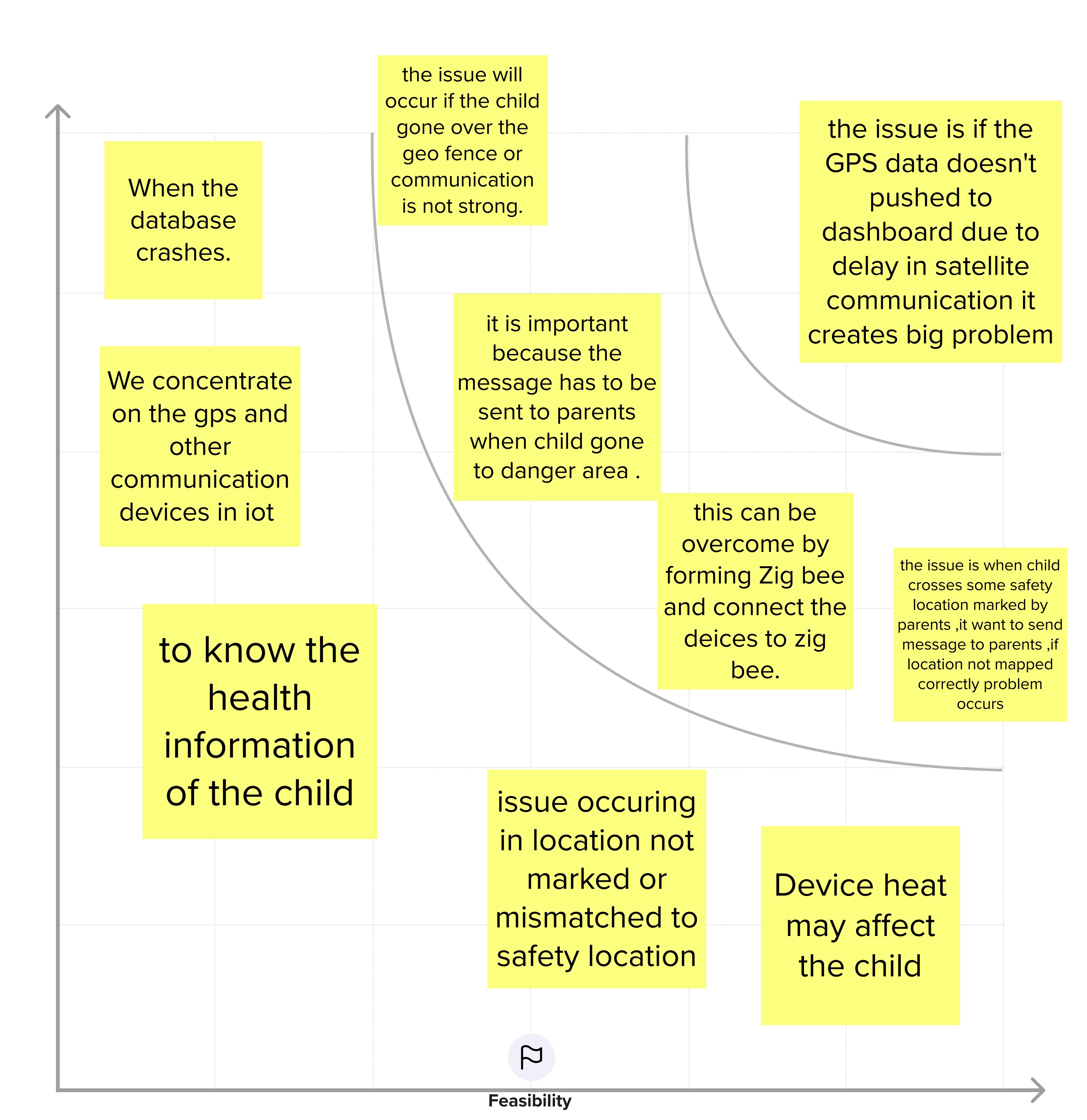
When the database crashes.



#### 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



Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)