

## 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



Stay in topic.



Encourage wild ideas.



Defer judgment.



Listen to others.



If possible, be visual.



### Brainstorm

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

① 10 minutes

# vasuki

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

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

issue occuring in data doesn't reach to parents

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. 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

data doesn't pushed to dashboard due to delay in satellite communication it creates big problem

the issue is if the GPS

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

the boundaries

location.

it affects the

child's

future.

the

boundary of

the problem

is battery.

the issue is the

parent doesn't

know panic

situation of

child

the boundaries If the of the problem communication is delay in communication. between child and parents

and the correct mapping to the The child's gps not work we can't identify the place of the

where

disconnected

The child location only tracked by gps

child

The issue was the location was not find

> The rays causes health issues

### Venkatesh

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.

### silambarasi

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

# 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.

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 parents

If the communication between child and parents where disconnected

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

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

## based on health

The device materials can vomit hazardous rays

Child's body temperature may affect bydevice temperature

Device heat may affect the child

to know the health information of the child

Data & information are not able to read/write.

based on data

to reduce interrupt to get correct information of the child

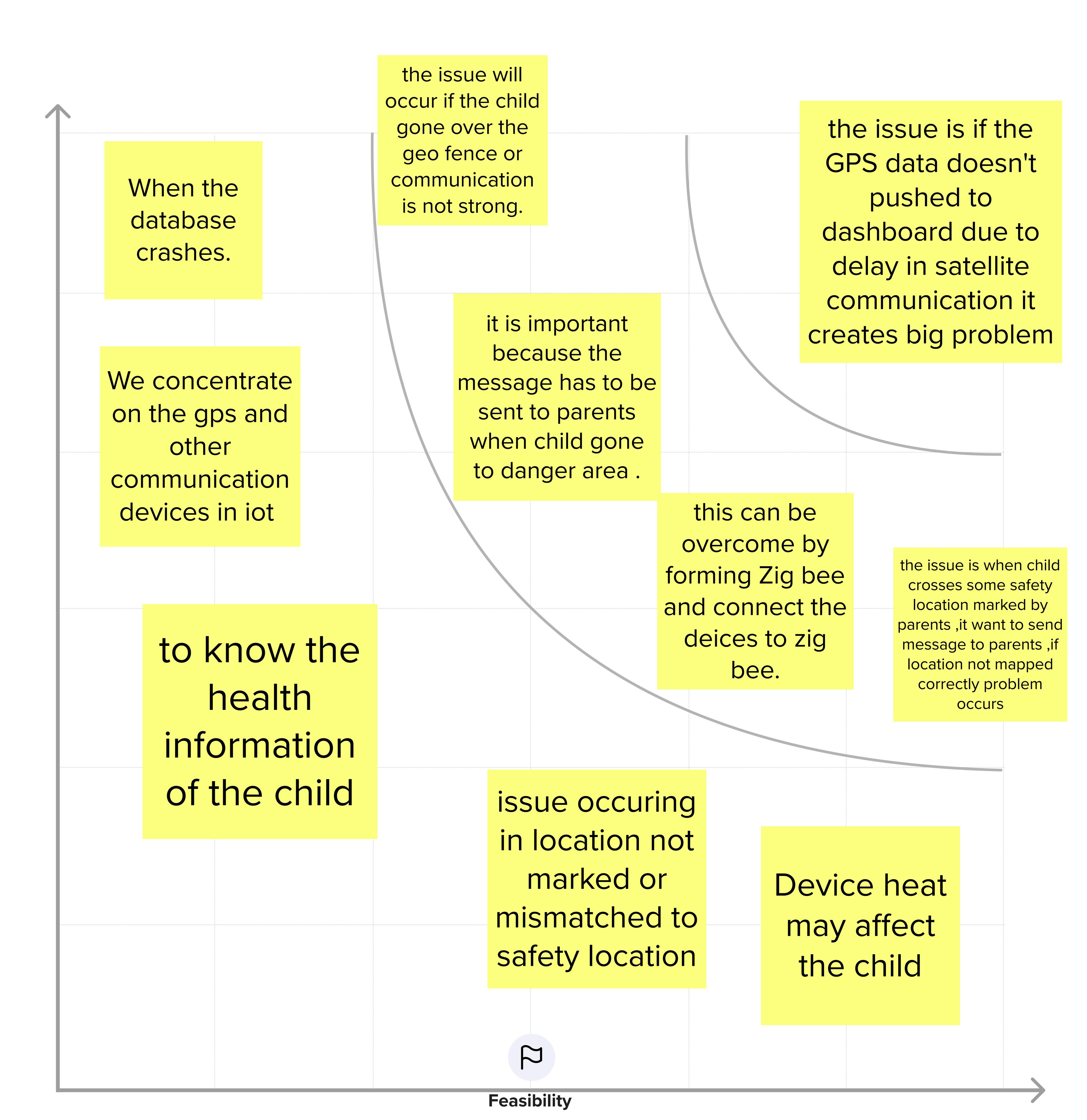
When the database crashes.



#### 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.)