

1

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.
- Go for volume.
- If possible, be visual.

2

Brainstorm

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

🕒 10 minutes

Priyadharsini S

- It is important because the message has to be sent to parents when child goes to danger area.
- It affects the safety of the child and create the panic to parents
- the issue is if the GPS data doesn't pushed to dashboard due to delay in satellite communication it creates big problem
- Issue occurring in data doesn't reach to parents
- the issue is when child crosses some safety location marked by parents. It hard to send message to parents. If location not mapped correctly problem occurs
- when the child's geofence not works due to humidity...
- the boundaries of the problem is delay in communication.
- the issue will occur if the child gone over the geo fence or communication is not strong.
- the boundaries and the correct mapping to the location.
- this can be overcome by forming Zig bee and connect the devices to zig bee.
- it affects the child's future.
- issue occurring in location not marked or mismatched to safety location
- the boundary of the problem is battery.
- It is important because for the child's safety
- the issue is the parent doesn't know panic situation of child

Preethi V

- 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 occurring in pointing the location of child
- If the tracking is lost the child's place is unidentified. So, we focus on other way.
- 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

Nithya K

- does they get an incorrect information
- may be the child informations are interrupted
- body temperature, pulse rate may be incorrect
- Child's body temperature may affect by device 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

Muguntharajan M

- 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.

3

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 can break it up into smaller sub-groups.

🕒 20 minutes

Based on location:

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

To know the children's location if they are missing

issue occurring in location not marked or mismatched to safety location

the issue is if the GPS data doesn't push 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

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

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

based on health

The device materials can vomit hazardous rays

Child's body temperature may affect by device temperature

Device heat may affect the child

to know the health information of the child

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

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

If the communication between child and parents where disconnected

based on communication

We concentrate on the gps and other communication devices in iot

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

based on data

Data & information are not able to read/write.

to reduce interrupt to get correct information of the child

When the database crashes.

the boundaries of the problem is delay in communication.

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

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