

**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**

**2**

###### Brainstorm

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

**10 minutes**

Aravinth

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

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

**PROBLEM**

what if child safety gadget disconnects or theft?

#### Ajesh

Abishek

Arunkumar

does they get an incorrect information

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

issue occuring in data doesn't reach to parents

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 child's current activity cannot be notified

may be the child informations are inerrupted

Data & information are not able to read/write.

**Key rules of brainstorming**

the boundaries of the problem is delay in communication.

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

Parents have fear about the child

body temperature, pulse rate may be incorrect

The performance will be difficult to maintain.

To run an smooth and productive session

If the communication between child and parents where disconnected

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

Stay in topic. Defer judgment.

Encourage wild ideas. Listen to others.

Child's body

temperature

The health of the child to be considered

may affect

bydevice

When child is unsafe.

Go for volume. If possible, be visual.

it affects the child's future.

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

The child's gps not work we can't identify the place of the child

temperature

To know the childrens location if they are missing

We concentrate on the gps and other communication devices in iot

### Surrounding around the child.

the boundaries and the correct mapping to the location.

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

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



The device materials can vomit hazardous rays

The issue was the location was not find

the boundary of the problem is battery.

issue occuring in location not marked or mismatched to safety location

it is important because for the child's safety

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

to know the health information of the child

to reduce interrupt to get correct information of the child

The rays causes health issues

If the tracking is lost the childs place is unidentified.

So,we focus on other way.

The issue occuring in pointing the location of child

The child location only tracked by gps

Where the place cannot recharge the device.

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

To ensure that the child is safe & sound.

When the database crashes.

**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 and break it up into smaller sub-groups.

**20 minutes**

**Based on location:**

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

#### based on safety

To know the childrens location if they are missing

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

issue occuring in location not marked or mismatched to safety location

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 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

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

temperature

### may affect

bydevice

### temperature

##### If the communication between child and parents where disconnected

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

**based on communication**

to know the health information of the child

Device heat may affect the child

the issue will

**based on data**

Data & information are not able to read/write.

occur if the child

gone over the

We concentrate on the gps and other communication devices in iot

geo fence or

communication

is not strong.



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 pushed to dashboard due to delay in satellite communication it creates big problem

**4**

**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**

the issue will

occur if the child

gone over the

geo fence or

# the issue is if the GPS data doesn't

When the

database crashes.

We concentrate on the gps and other communication devices in iot

communication

is not strong.

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

# pushed to dashboard due to delay in satellite communication it creates big problem

## this can be

to know the health information of the child

## overcome by forming Zig bee and connect the deices to zig bee.

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

issue occuring in location not marked or mismatched to safety location



Device heat may affect the child

**Feasibility**

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