

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?

Brainstorm

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

10 minutes

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

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



Keyrulesofbrainstorming

Torunansmoothandproductivesession

- Stayintopic.Defe
- Encourage wild
- rjudgment.
- ideas.Listentothers.
- Goforvolume.
- Ifpossible,bevisual.



it is importantbecause themessagehastobesent to parentswhen child gone todangerarea.

issueoccurringindata doesn'treachtoparents

the issueiswhenchildcrosses some safetylocation marked byparents ,itwant to sendmessage to parents ,iflocation not mappedcorrectlyproble

when thechild'sgeofence networksdue to humidity,..

the boundaries of the problemisdelay incommunication.

If thecommunicationbetweenchildandparents wheredisconnected

theissuewilloccur ifthechildgone over thegeofenceorcommunicationisnot strong.

the boundaries andthecorrect mappingtothelocation.

Thechild'sgpsnetworkwecan't identifythelaceof thechild

thiscanbeovercomebyforming Zigbeeand connect thedevice tozigbee.

itaffectsthechild'sfuture.

Thechildlocationonly trackedbygps

The child'scurrentactivitycannot benotified

Parents have fearaboutthe child
The device materials can vomit hazardous rays

We concentrate on thegps andother communication devices iniot

doesthegeotagincorrect information
child information sare interrupted

bodytemperature, pulse rate may be incorrect

Child's body temperature may affect by device temperature

To know the child's location if they are missing

to know the health information of the child

to reduce interrupt to get correct information of the child

The performance will be difficult to maintain.

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.

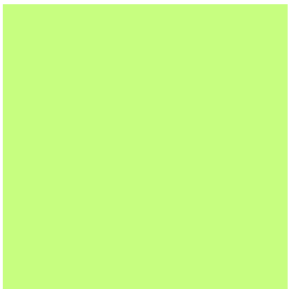
Data & information are not able to read/write.

When child is unsafe.

Surrounding around the child.

Where the place cannot recharge the device.

In order to get the information about child's safety work smoothly & accurately.



Group ideas

Taketurnssharingyourideaswhileclustering similar or related notesasyougo.Onceallstickynote shavebeengrouped,giveeachclusterasentence-likelabel.If aclusterisbiggerthansixstickynotes,tryandseeifyouandbreakitupintosmallersub-groups.

🕒 20minutes

Basedonlocation:

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

To know the child's location if they are missing

issue occurring if 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 wants to send message to parents, if location not marked correctly problem occurs

In order to get the information about child's safety work smoothly & accurately.

it is important because the message has to be sent to parents when child goes to dangerous 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 creates the panic to parents

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

If the communication between child and parents is disconnected

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.

We concentrate on the GPS and other communication devices in IoT

the issue will occur if the child goes over the geofence or communication is not strong.

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

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

