Defineyourproblemstatement

What problem are you trying to solve? Frame yourproblemasaHowMightWestatement.Thiswillbethefo cusofyourbrainstorm.

5minutes

PROBLEM

what if child safety gadgetdisconnectsortheft

Keyrulesofbrainstorming

Torunansmoothandproductivesession

Stay in

Encouragewildideas.L

topic.Deferjudg

istentoothers.

ment.

Goforvolume.

Ifpossible, bevisual.

Brainstorm

Writedownanyideasthatcometomindthataddr essyourproblemstatement.

10minutes

PRAFI it is importantbecause themessagehastob **SUJI** esent to parentswhen child gone todangerarea. it affects theissueisiftheGPSda thesafety of ta doesn't pushedto thechildandcrea dashboard due tethe panic todelay in toparents satellitecommunicati

itcreatesbigproblem

childcrosses some

safetylocation marked

byparents, itwantto

endmessage to parents

,iflocation not

mappedcorrectlyproble

moccurs

issueoccurin g indata doesn'treac h toparents

when thechild'sgeo fence notworks due

theboundarieso f the problemis delay incommunicatio

theboundar

yoftheprobl

emisbattery

Ifthecommunic

ationbetween

childand

parentswhere

disconnected

Thechild'sgpsno

t work wecan't

identifytheplac

eofthechild

The

childlocatio

nonlytracke

d bygps

The

rayscau

sesheal

thissues

the issue willoccur if the theboundaries childgone over andthecorrect mapping to thegeo fence orcommunicationi thelocation. snotstrong.

this can beovercome itaffectsthec byformingZigbe hild'sfutu eandconnectthe deices to re. zigbee.

issueoccuringi nlocationnotm arked ormismatched tosafetylocatio

it theissueisthep isimportant arent becausefor doesn'tknow panicsituation the ofchild child'ssafet

devicemateri alscanvomith azardousray

The

The child'scurre ntactivityca nnot benotified

Parentshave fear aboutthechil d

Thehealthoft he child tobeconsider ed

andothercomm

unicationdevice

siniot

Weconcentrate on the gps

The issueoccuri The nginpointin issuewas thelocation wasnotfind thelocation

> Ifthetrackingisl ost the childsplace isunidentified. So, we focusono therway.

does theyget anincorrec tinformatio

may be thechildinfo rmationsarei nerrupted

bodytemper ature, pulse ratemay beincorrect

Child'sbody temperature mayaffect pyaevice

Toknowthec hildrensloca tion ifthey aremissing

to reduceinterru pt toget correctinform

JANANI

Theperform ancewill bedifficult tomaintain.

&informatio nare not abletoread/w rite.

Data

We can onlyviewthel astactiveloc ation ofthechild.

Whenchildis unsafe.

temperature

toknowtheh ealthinforma tionofthechil

ationofthechi

Theparentswillb mentallyaffect ed andchild will belost.

Whenthe database crashes.

Where theplacecann otrechargeth edevice.

Surrounding

around

thechild.

To ensurethatth echildis safe &sound.

In order to getthe informationabo ut childsafety workssmoothin g &accurately.

ld

Groupideas

Taketurnssharingyourideaswhileclusteringsimilarorrelatednotesasyougo. Onceallsticky notes have been grouped, give each cluster a sentence-like label. If a cluster isbiggerthansixstickynotes, tryandseeifyouandbreakitupintosmallersub-groups.

20minutes

Basedonlocation:

We can onlyviewthe lastactivelo cation ofthechild.

issueoccuringi n location notmarked ormismatched tosafetylocatio Toknowthec hildrensloca tion ifthey aremissing

the issue is if theGPS data doesn'tpushed todashboard due todelay in satellitecommunicat ion

basedonsafety

theissueiswhenchildcr osses some safetylocation marked byparents ,itwant tosend message toparents, if location notmapped correctlyproblemoccu

toparents

In order to getthe informationabo ut childsafety workssmoothin g &accurately.

it is importantbecause themessagehastob esent to parentswhenchild gonetodangerarea

iterestachignrohlem it affects thesafety of The Child'sbody thechild devicemateri temperature andcreatethe als mayaffect panic canvomithaz

theissueisthep arent doesn'tknow panicsituation ofchild

Ifthecommunic ationbetweenc hildand parentswhere disconnected

basedoncommunication

Weconcentrate on the gps andothercomm unicationdevice siniot

theissuewill occurifthechild goneoverthe geofenceor communication isnotstrong.

the boundariesof the problemis delay incommunicatio

the issue is if theGPS data doesn'tpushed todashboard due todelay in satellitecommunicat ion itcreatechignroble

ardousrays Deviceheat

may affectthech ild

Data **&informatio** nare not abletoread/w

rite.

to reduceinterr upt toget correctinform ationofthechi

Whenthe database crashes.

basedonhealth

bydevice temperature

toknowthe healthinfor mationofth echild

basedondata

Prioritize

Yourteamshouldallbeonthesamepageaboutwhat'simportantmovin gforward. Placeyourideasonthis gridtodetermine which ideas are important and which are feasible.

20minutes

Whenthe database crashes.

Weconcentrate on the gps andothercomm unicationdevice siniot

toknowthe healthinfor mationofth echild

theissuewill occurifthechild goneoverthe geofenceor communication isnotstrong.

it is important because themessage has to esent to parents when child gone to danger area

theissueisiftheGPS
datadoesn't

pushed
todashboard due
todelay in
satellitecommunicat
ion
itcreatesbigproble
m

thiscanbe
overcome
byforming Zig
beeandconnectt
hedeices to
zigbee.

theissueiswhenchildcr ossessomesafety location markedbyparents,itwan ttosendmessagetoparen ts,if locationnotmappedc orrectly problemoccurs

issueoccuringi n location notmarked ormismatchedt osafetylocatio

Deviceheat may affectthech ild

Feasibility

Regardless of their importance, which tasks are morefeasiblethanothers?(Cost,time,effort,complexity,etc.

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