Problem-Solution fit canvas 2.0

project title: IOT based safety gadget for child safety and notification system Team ID :PNT2022TMID38891

1. CUSTOMER SEGMENT(S)

CS

Parents and guardians who are concerned about the safety and well-being of their children.

This market includes products that are designed to monitor the location and activities of children as well as to parents with peace of mind.

6. CUSTOMER CONSTRAINTS

CC

- 1. The device must be able to be worn by a child.
- 2. The device must be able to monitor the child's location
- 3. The device must be able to send alerts to the parent if the child leaves a designated area

There are many potential causes of problems with devices,

including hardware or software issues, user error, or problems

- 4. The device must be water proof
- 5. The device must have a long battery life.

with the underlying network or connectivity.

5. AVAILABLE SOLUTIONS

AS

Explore AS, differentiate

Focus on J&P, tap into BE, understand

Extract online & offline CH of BE

There are few different ways to go about this.

you could use a home security system with motion detectors and cameras to keep an eye on your child they're home alone.

you could also install a GPS tracker on their things so you

can see their location at all times.

2. JOBS-TO-BE-DONE / PROBLEMS

J&P

Aims to solve is to provide a way for parents to monitor their children's activities and whereabouts in real-time.

This device would allow parents to see where their childrens are, what they are doing, and receive alerts if their chidren are in danger.

9. PROBLEM ROOT CAUSE

RC

7. BEHAVIOUR

BE

if a child safety monitoring device is properly installed and functioning, it will alert the parents whenever they cross the range of limit.

3. TRIGGERS

If the child wanders out of a designated safe area, if the child is in close proximity to a dangerous object, or if the child's heart rate or respiratory rate falls outside of a normal range.

4. EMOTIONS: BEFORE / AFTER

EM

TR

BEFORE: The parent may feel anxious about the child's safety, especially if the child is very young.

ANFIDER: Parents may feel relieved and more confidient

when their child is using the device.

10. YOUR SOLUTION

SL

One solution for child's safety monitoring is:

The use of a GPS tracker can be weared on a child's hand and it will allow parents to track their child's location at all times.

This can be especially useful if a child is lost or if there is a concern that may be in danger.

8. CHANNELS of BEHAVIOUR

It can communicate with a parent or caregiver, the most common method is through a mobile app, which can send notifications to a parent's smartphone or tablet.

It can be monitored offline by checking the device's event log.

This will show a record of the device's activies, including any attempts to access blocked websites and applications.

M

Identify strong TR

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fit into

CH