

Ideation Phase
Empathize & Discover

Date	19 September 2022
Team ID	PNP2022TMID46762
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification
Maximum Marks	4 Marks

Empathy Map Canvas:


An empathy map is a simple, easy-to-digest visual that captures knowledge about a user's behaviours and attitudes.

It is a useful tool to help teams better understand their users.

Creating an effective solution requires understanding the true problem and the person who is experiencing it. The exercise of creating the map helps participants consider things from the user's perspective along with his or her goals and challenges.


Example:

Template



Empathy map canvas

Use this framework to empathize with a customer, user, or any person who is affected by a team's work. Document and discuss your observations and note your assumptions to gain more empathy for the people you serve.

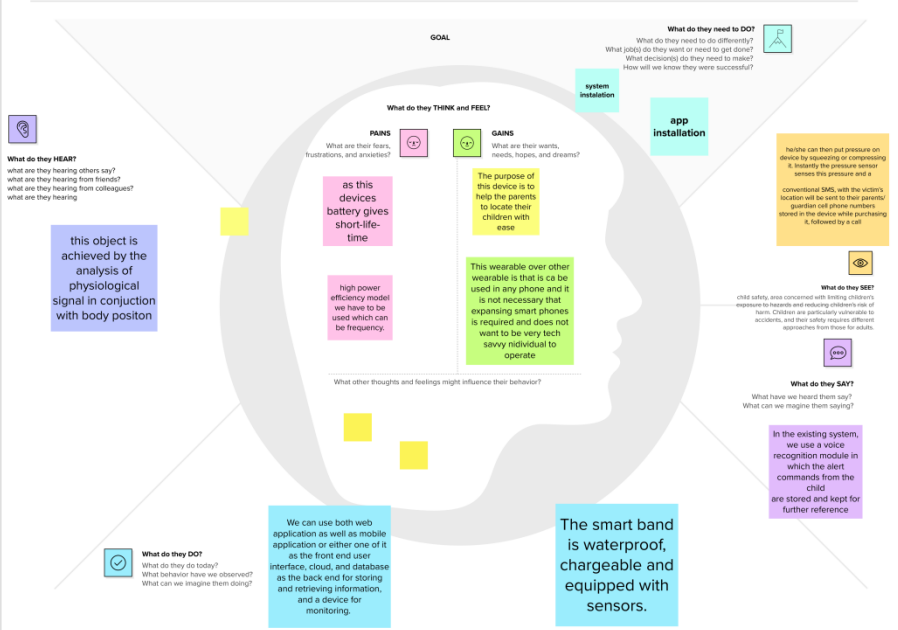
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Develop shared understanding and empathy

Summarize the data you have gathered related to the people that are impacted by your work. It will help you generate ideas, prioritize features, or discuss decisions.



GOAL

What do they need to DO?

What do they need to do differently?
What job(s) do they want or need to get done?
What decision(s) do they need to make?
How will we know they were successful?

What do they THINK and FEEL?

PAINS

What are their fears, frustrations, and anxieties?

GAINS

What are their wants, needs, hopes, and dreams?

What do they HEAR?

What are they hearing others say?
What are they hearing from friends?
What are they hearing from colleagues?
What are they hearing

What do they SEE?

child safety, once consumed with looking children's exposure to hazards and reducing children's risk of harm. Children are particularly vulnerable to accidents, and their safety requires different approaches from those for adults.

What do they SAY?

What have we heard them say?
What can we imagine them saying?

What do they DO?

What do they do today?
What behavior have we observed?
What can we imagine them doing?

What other thoughts and feelings might influence their behavior?

as this devices battery gives short-life-time

high power efficiency model we have to be used which can be frequency.

The purpose of this device is to help the parents, to locate their children with ease

This wearable over other wearable is that is ca be used in any phone and it is not necessary that expanding smart phones is required and does not want to be very tech savvy individual to operate

We can use both web application as well as mobile application or either one of it as the front end user interface, cloud, and database as the back end for storing and retrieving information, and a device for monitoring.

system installation


app installation

this object is achieved by the analysis of physiological signal in conjunction with body position

helicopter can then put pressure on device by squeezing or compressing it. Instantly the pressure sensor senses this pressure and a conventional SMS, with the victim's location will be sent to their parents' guardian cell phone numbers stored in the device while purchasing it, followed by a call

In the existing system, we use a voice recognition module in which the alert commands from the child are stored and kept for further reference

The smart band is waterproof, chargeable and equipped with sensors.



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