

Ideation Phase

Brainstorm & Idea Prioritization Template


Date	19 September 2022
Team ID	IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION
Project Name	PNT2002TMID10533
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Step-1: Team Gathering, Collaboration and Select the Problem Statement



Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

- 🕒 10 minutes to prepare
- 🕒 1 hour to collaborate
- 👥 2-8 people recommended

➔

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

🕒 10 minutes

A **Team gathering**
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

B **Set the goal**
Think about the problem you'll be focusing on solving in the brainstorming session.

C **Learn how to use the facilitation tools**
Use the Facilitation Superpowers to run a happy and productive session.

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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

How might we [your problem statement]?



Key rules of brainstorming

To run a smooth and productive session

🗣️ Stay in topic.

💡 Encourage wild ideas.

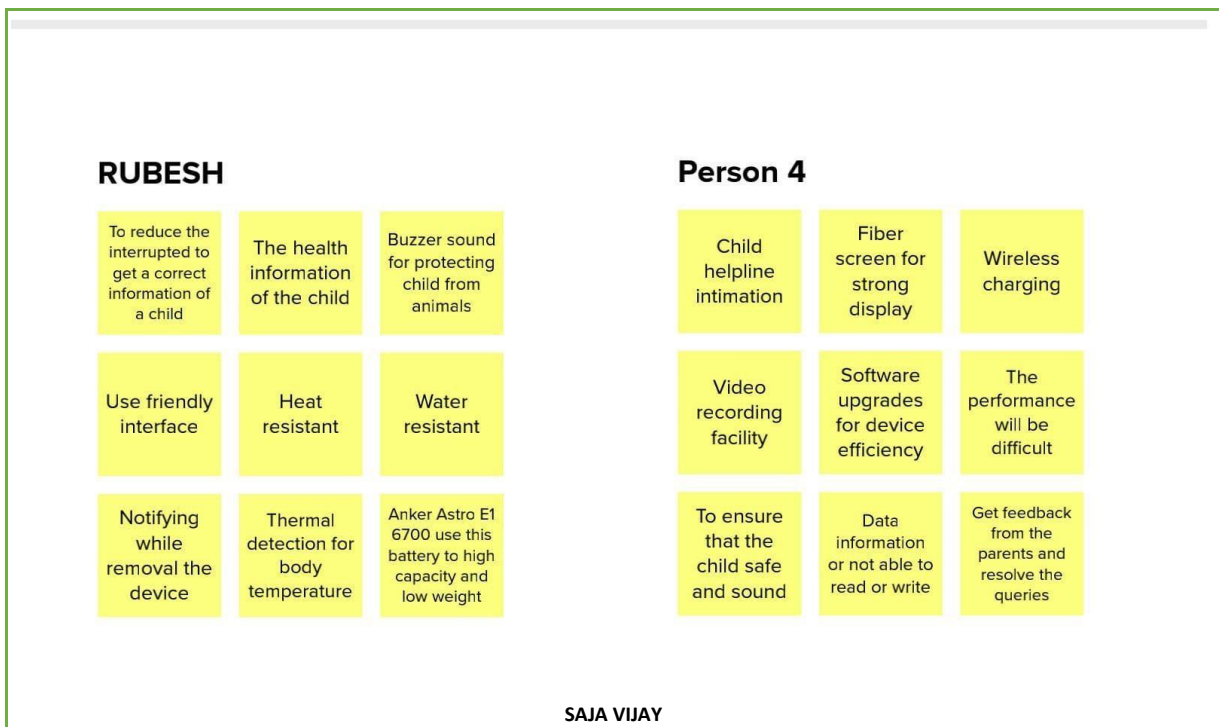
⏸️ Defer judgment.

👂 Listen to others.

🗨️ Go for volume.

👁️ If possible, be visual.

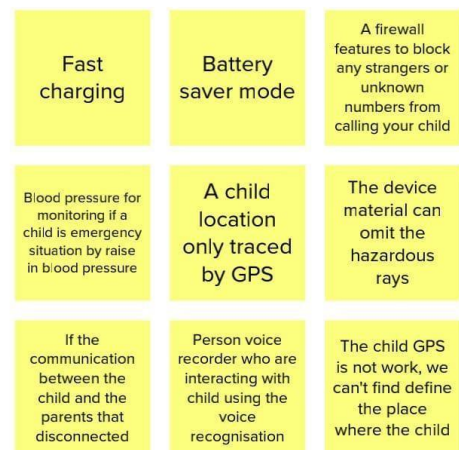
Step-2: Brainstorm, Idea Listing and Grouping



SABARI



SANGEETHA



Based on location.

To know the children location if they are missing

We can only view the last activity location of the child

Based on health.

To know the health information of the child

The device material can omit the hazardous rays

Based on data

When the database crashes

To reduce the interrupt to get a correct information of the child

Based on safety

In order to get the information about the child safety work smoothing and accurately

It is a important because the message has to be sent to parents when child gone to the dangerous area

Based on communication

Concentrate on the GPS and other communication device in iot

The boundary of the problem is delay in the communication

Data gathering and preparation

Monitoring a child daily routine with that schedule

Check whether the device in proper working condition

Person voice recorder who are important with the child using the voice recognition

Connection and emergency facility

GSM technology used for stable internet

Implementing SOS system in child device

Utilizing the smart watch GPS chip, the accompanying smartphone app can set up the geofenced safe zone

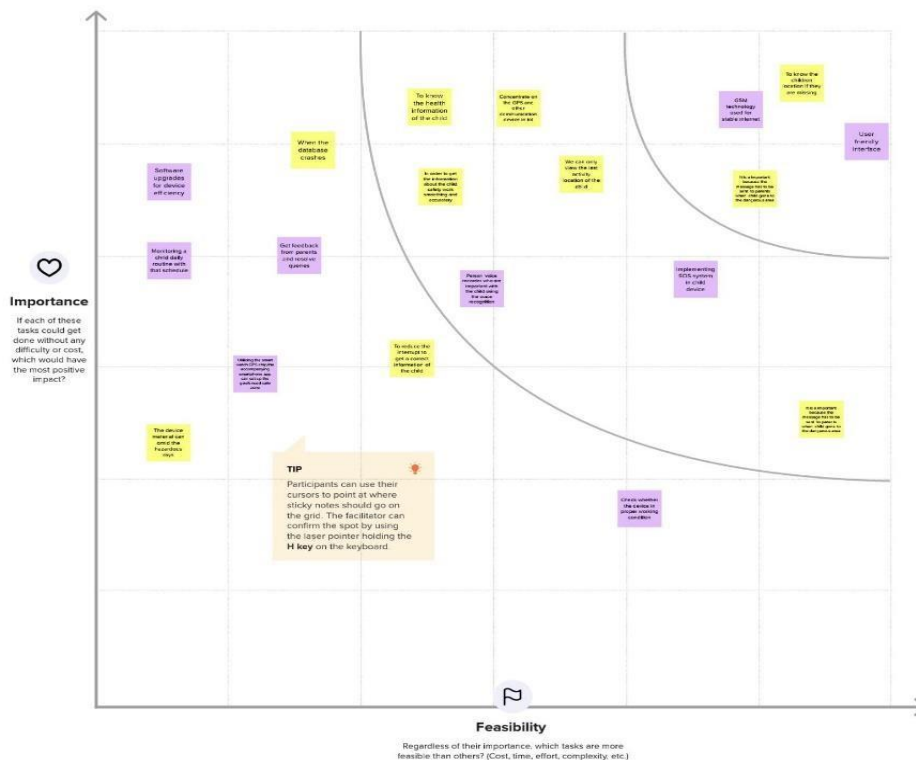
Work and deliverables

Software upgrades for device efficiency

Get feedback from parents and resolve queries

User friendly interface

Step-3: Idea Prioritization



OVERALL