


## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	15 September 2022
Team ID	PNT2022TMID4693
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	4 Marks

### Brainstorm & Idea Prioritization Template:



## 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
- 👤 3-6 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

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- Team gathering**  
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.
- Set the goal**  
Think about the problem you'll be focusing on solving in the brainstorming session.
- Learn how to use the facilitation tools**  
Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) ➔

### 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

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🎯 **How might we [your problem statement]?**


Child leader helps the parents in continuously enriching the child's location. They simply leave their children in school or parks and create a greenhouse around the parks location. By continuously enriching the child's location modifications will be generated for the child across the greenhouse. Modifications will be sent according to the child's location to their parents on a computer. The entire location data will be stored in the database.

#### Key rules of brainstorming

To run an smooth and productive session

- 🗣️ Stay on topic.
- 💡 Encourage wild ideas.
- 🙅🏻 Defer judgement.
- 👂 Listen to others.
- 🚫 No for solution.
- 👁️ If possible, be visual.

#### Cloud Services



```

graph LR
    IoT[IOT Device] --> MQTT[MQTT Broker (or Pub/Sub)]
    MQTT --> DB[(Database)]
    MQTT --> CloudIoT[Cloud IoT Core]
    CloudIoT --> APIS[API G]
    APIS --> App[App]
  
```

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## Brainstorm

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

10 minutes

**TIP** You can select a sticky note and hit the pencil (switch to sketch) icon to start drawing.

Pragadesh Selvan R

SOFTWARE SECURE	LOGGING TRAILING
SAFETY OCCUPIED	ARMED UNARMED
FLYING FREE	CRACK ARMCHAIR

Pooja V G

RELIABILITY  
LESS  
EXPENSIVE

EASY TO  
COMBARKIT

WORLD  
WIDE  
[EAGLE]

TRUSTED  
BY THE MILITARY

LOOK ON  
HISTORY

**Sabarishwaran R**

NOISE POSSIBLE	CHILD SECURITY
SECURITY ALERT	HOME DEL. SECURE
KEY PROTECTED	CONVERSE, PURPOSE

Ramya M

PROPOSED TRANSFORM	JOHN FREEDMAN
HIGH EFFECTIVE	WILL HARTWELL
LESS COMPLEXITY	EVERETT COBB

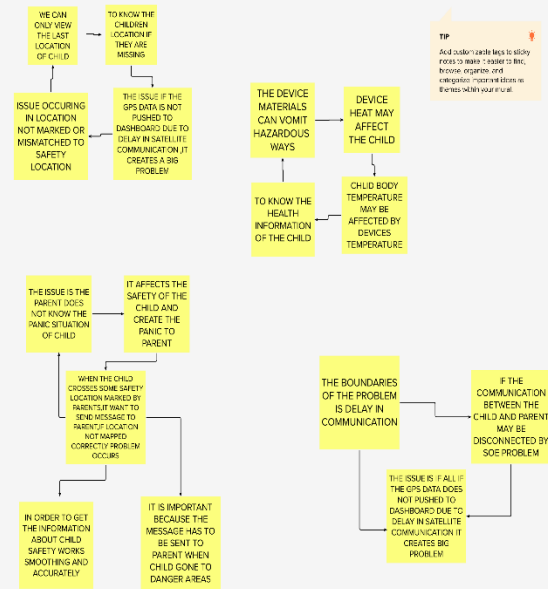
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### Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

⌚ 20 minutes

**TIP** Add customizable legs to sticky notes to make it easier to fit, browse, organize, and categorize important ideas as themes within your mural.



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## 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

