

**M.A.M College of Engineering and Technology**  
INFORMATION TECHNOLOGY  
BRAINSTORMING & IDEATION

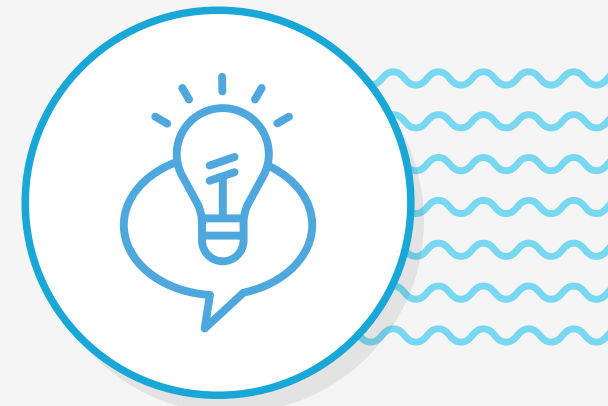
TTITLE NAME : Child Safety Monitoring And Notifcation System

DOMAIN NAME : Internet Of Things (IOT)

TEAM LEAD NAME : Priyadharshini M

TEAM MEMBERS NAME : Vijayalakshmi S  
Ragavi R  
Swetha K

MENTOR NAME : Fathimaa Chandhini

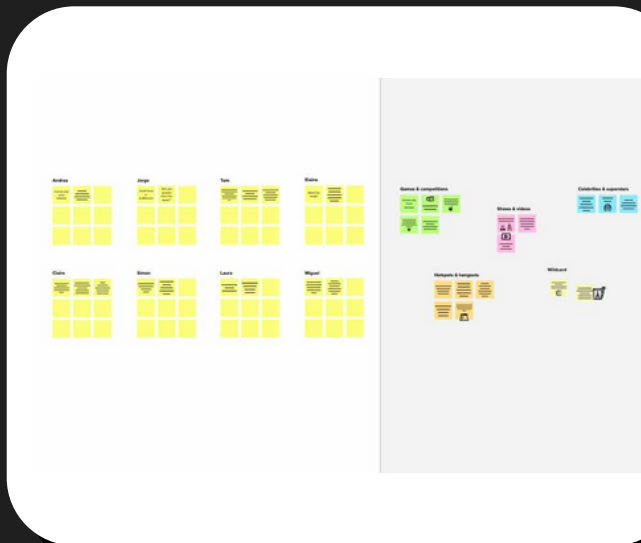


# Brainstorm & idea prioritization

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

Share template feedback



Need some inspiration  
See a finished version of this template to kickstart your work.  
Open example



## 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.

Open article

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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 provide child safety monitoring and notification system using IOT?

**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.

2

## Brainstorm

Write down any ideas that come to mind for child safety monitoring system

10 minutes

### Priyadhrashini

Create a mobile application

Sends the exact location of child in case of emergency

Measures temperature, pulse rate, heart beat rate of child and notify during emergency

Continuous tracking and updating child's location

Water & sweat Proof

Alerts if the given range is exceeded

### Ragavi

Create web Application

Brilliant UI/UX design for Application

Creating Geo Fence

Integration with Parent's mobile

Integration with Cloud Services

Comfortable & easily wearable

### Vijayalakshmi

Create Mobile application

GPS integrated watch to keep track of their child's movements

Use the Child locator gadget

Geofencing the child's movement

Accurate sensors to detect Temperature, Heart rate.

Low levels of radiation

### Swetha

Parental control features

Use satellite calling in case of emergency

Intimating the child's location through GPS

User friendly application

Better battery life

Secure database

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

3

## 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

### Tracking Location

GPS integrated watch to keep track of their child's movements

Sends the exact location of child in case of emergency

Alerts if the given range is exceeded

Use satellite calling in case of emergency

### UI

Create a mobile application

Brilliant UI/UX design for Application

User friendly application

### Physical Features

Low levels of radiation

Better battery life

Comfortable & easily wearable

Water & sweat Proof

### Database

Secure database

Integration with Cloud Services

Geofencing the child's movement

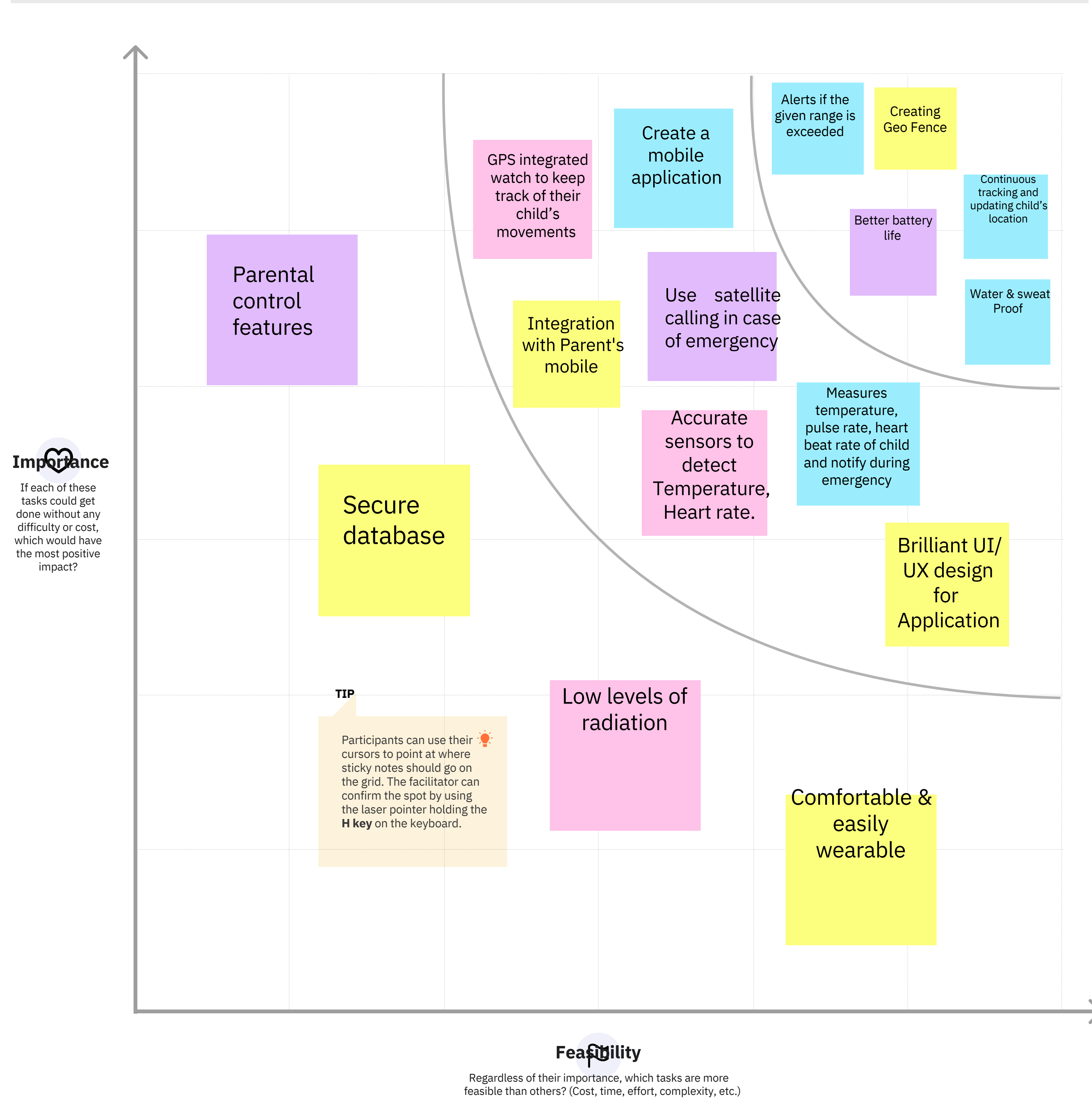
Measures temperature, pulse rate, heart beat rate of child and notify during emergency

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

## 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



## After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

### Quick add-ons

- A Share the mural**  
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

**B Export the mural**  
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

### Keep moving forward

- Strategy blueprint**  
Define the components of a new idea or strategy.  
Open the template

**Customer experience journey map**  
Understand customer needs, motivations, and obstacles for an experience.  
Open the template

**Strengths, weaknesses, opportunities & threats**  
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.  
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Share template feedback

