

# Ideation Phase


## Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID13499
Project Name	Child Safety Monitoring & Notification
Maximum Marks	4 Marks

Child Safety Monitoring & Notification :

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

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
- 2-8 people recommended

[Share template feedback](#)



### 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](#)

1


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.

Activ  
Go to

## Step-2: Brainstorm, Idea Listing and Grouping

2

**Brainstorm**  
Write down any ideas that come to mind that address your problem statement.  
  
10 minutes

**KISHOR M**  
Create a mobile application  
Sends the exact location of child in case of emergency  
Measures temperature, pulse rate, heartbeat rate of child and notify during emergency  
Continuous tracking and updating child's location  
Water & sweat Proof  
Alerts if the given range is exceeded

**ANANDHAKRISHNAN B**  
Create web application  
Brilliant UI/UX design for Application  
Creating Geo Fence  
Integration with Parent's mobile  
Integration with Cloud Services  
Comfortable & easily wearable

**KUMARESAN B**  
Create a 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/heartbeat  
Low levels of radiations

**GUNA R**  
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

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 radiations  
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, heartbeat rate of child and notify during emergency

### Step-3: idea Prioritization

4

#### 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

