

Ideation Phase


Brainstorm & Idea Prioritization Template

Team ID	PNT2022TMID31679
Project Name	IoT Based Safety Gadget for 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

DEENA V

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

MIRUDHULLA K

Create web application

Brilliant UI/UX design for Application

Creating Geo Fence

Integration with Parent's mobile

Integration with Cloud Services

Comfortable & easily wearable

ARUL JENIN A

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

RAGHUPAL V

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

