


Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID15029
Project Name	Project - 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
 **2-8 people** recommended

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→

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

To implement child safety monitoring by tracking children's surrounding activity using an IoT based child safety device



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 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!

Person 1

Develop an IoT based safety gadget	User-friendly device	Smart assistance for children
A solution for safe-society	Monitor the health condition of a child	Child safety monitoring

Person 2

Reduce the rate of child abuse	Track the location of children in case of emergency	Update the location of children to parents
Extra-safeness for children	To prevent child before being attacked	Prevention of child trafficking

Person 3

Enabling parents to use to gadget	Camera and mic access in the system	Make it user friendly device
Camera is for capturing someone with unusual activity towards the child	To design a wearable gadget	Attachment of sensors to sense in and around

Person 4

Usage of SOS System	Reducing the insecurities and worrying of parents	Development of an android app for monitoring
Reducing child-crime rate in society	Making awareness about child safety	Triggering alarm in case of emergency

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

Designed in a smart-gadget way for ease of access. Made with compactable components to wear and use easily. All components are integrated with each other

Location tracking through GPS for monitoring of children. GSM Module is used for sending messages/ notification. Camera and mic is attached

Notification is sent to parents in case of emergency. SOS System is used. Also health monitoring system is attached in it.

Camera is for capturing the one behaving with unusual activity towards the child. It provides smart assistance and periodic monitoring.



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



Share the mural

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



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.

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Customer experience journey map

Understand customer needs, motivations, and obstacles for an experience.

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Strengths, weaknesses, opportunities & threats

Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.

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