

Ideation Phase

Brainstorm&Idea Prioritization Template

Date	25 September 2022
Team ID	PNT2022TMID42442
Project Name	IoT Based Safety Gadget For Child safety Monitoring and Notification
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.


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.

Reference:

<https://app.mural.co/t/iotbasedsafetygadgetforchild8158/m/iotbasedsafetygadgetforchild8158/1663809837243/610e8e439fba bde5971d4eccaf87105a017dbc28?sender=u7b4f3a2f9e0753f217cb1018>

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

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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

Parents who need child monitoring device because they want to keep tracking their children continuously



Key rules of brainstorming

To run an smooth and productive session

🗨️ Stay in topic.

💡 Encourage wild ideas.

🕒 Defer judgment.

👂 Listen to others.

🗣️ Go for volume.

👁️ If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

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!

MANKANDAN

Notifications will be sent if the child crosses the geofence.

Time line view

High way alarm

Care group

VASANTHAKUMAR

Safe zone notification

Monitoring using website

Wearable Bands

Use any sound components for alert

SOWBARNIKA

Health tracker

Camera monitoring

Panic Button

Tiny GPS tracker

SOWMYA

Water alarm

Alert call using GSM

Real time tracking

Provide a personalized id card to the child

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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

Monitoring System

Camera Monitoring

Monitoring using website

Tracking System

Real time tracking

Tiny GPS tracker

Health tracker

Notification

Safe zone notification

Notifications will be sent if the child crosses the geofence.

TIP

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

Alarm System

Use any sound components for alert

Alert call using GSM

High way alarm

Water alarm

Others

Wearable Bands

Care group

Provide a personalized id card to the child

Time line view

Panic Button

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

