

Ideation Phase
Brainstorm & Idea Prioritization Template

Date	20 OCTOBER 2022
Team ID	PNT2022TMID52173
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/premkumar1589/m/premkumar1589/1665759087326/6c4b55d5aa829f5605b096fc453e69268543fa40?sender=udcb55bbd60239f8286189172>

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



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



Team gathering

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.



Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.



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 monitor the kids when
parent's aren't home or
children's in places where
parents aren't there.



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.

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!

Prem Kumar.M

Monitor kids when parents aren't there	Build an app	Build a wearable device for kids
Connect the device and the app	Build a geo fence	Get notification when the child crosses the geofence
The app must be easy to use	Get the child's parents contacts and connect the child's device alongside	Collecting the child's details and parents Occupation

Paneer Selvam.M

Get the parents details of the child	Setting a geofence	Set a recording device like mic
Establish a perfect connection between the parties	Get the daily routine habits of the child	Tracking all the activities of the child
Notify the parents about the child's location	Generate a notification if the child crosses the geofence	Enable the parents to fix the geofence for the child

Jijo.M

Store the recordings in the cloud	Store the child's activities in the cloud	Monitor the child's heart beat
Alert the parents with a notification	Get the occupation of the child parents	Tracking
Monitor the behaviours of the surroundings	Use GPS to access the location	Address the child in a crowded area

Aswin.M

Setting a perfect chart to analyse the temperature of child	Track the child's location	Address the location of the Child
Alert the child's parents in the time of emergency	Always monitor the child with its features	Use a geofence
Set a closed place as a geofence	Advanced Tracking system	Enable the voice chat

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

Data collection and preparation

Collect the data of the child's parents, and the guardians or the caretaker

Get the details of the locations that the child travels regularly

Store entire location data of the child in the cloudant DB

Connection, Testing, Implementation

Objects are connected by a internet for communication, Exchanging data and making decisions automatically at anywhere and anytime

Test whether the notification to the parent works when the child crosses the geofence

Build the device that helps to monitor the child's location and to notify the parent if the child crosses the geofence

Work and Deliverables

An interactive user friendly web application

Get user feedback complaints and queries and monitor if the issues has resolved at the earliest

perform periodic maintenance and deploy duties updates in order to improve the web application

TIP

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

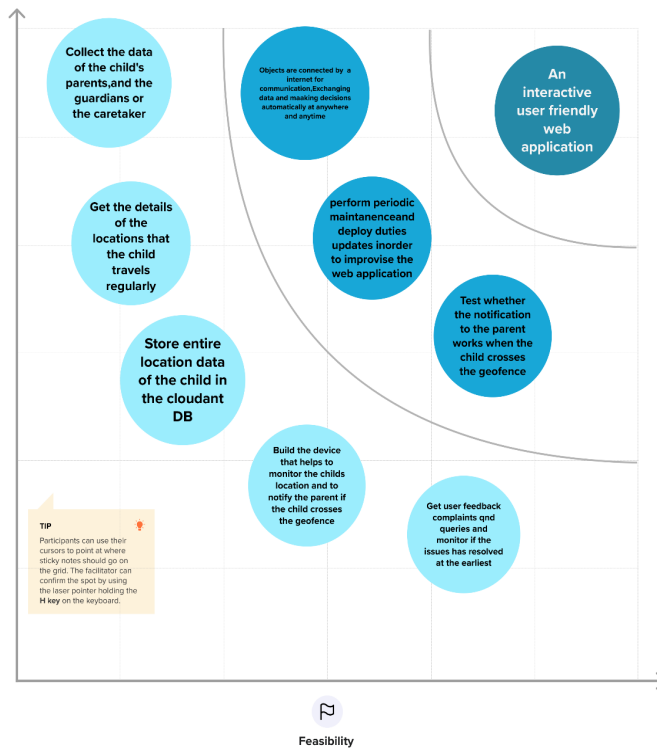
Step-3: Idea Prioritization

A

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



B

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.
[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.
[Open the template →](#)

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