


Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID30279
Project Name	Personal Assistance for Seniors Who are Self-Reliant using IoT
Maximum Marks	4 Marks

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



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

➔

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.

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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

Dementia-ridden seniors neglect to correctly ingest their medications, eat their meals, and check their blood sugar levels at the same time. In order to address this type of problem, an IoT-based web application must be created that is user-friendly for caregivers.



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!

Sowmikaa

Their way of life grows easier, and they no longer need to depend on others.

prevents heart attacks in elderly people by warning and alerting the caregivers

Since we are unable to watch constantly, this device is helpful in these kinds of circumstances.

Arthi

They having ability and resources to take care of yourself without help

lessens the burden on their family

Keep them mentally active

Dinesh Sankar

This device monitor will monitor the blood sugar level and pill dispenser can help elder people manage their conditions

caregivers obtain data from various device connected to cloud

Analyze and access every day life patterns of senior patients and detect health problems before they escalate

Meha

People close to diabetics take insulin by notifying caretakers

It is a remote access for caretakers and doctors

If blood sugar gets low message will be sent to their concerned doctors through mobile application

Vesuntheraa Devi

Ring the alarm to deliver medicines and groceries on time

It can limit the privacy seniors feel

If deviation is suspected a health care worker will be automatically notified

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 end break it up into smaller sub-groups.
 20 minutes

With IOT, you can monitor your body temperature and blood sugar 24/7.

Many elderly people are being forced into care homes because they can't take care of basic needs. Smart tech is now helping them stay at home longer.

The IOT devices can dynamically adapt with sensed environment their operating conditions

IoT for senior care applications typically revolve around health monitoring, safety and home security monitoring, and interaction with the outside world.

There are also GPS trackers with no fees, but they might be somewhat limited in their tracking distance

Step-3: Idea Prioritization

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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

