

Ideation Phase

Brainstorm & Idea Prioritization Template


Date	24 September 2022
Team ID	PNT2022TMID30329
Project Name	Personal Assistance for Seniors Who Are Self-Reliant
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 number of creative solutions.




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.

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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

PROBLEM

PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF-RELIANT

- Sometimes elderly people forget to take their medicine at the correct time.
- They also forget which medicine He / She should take at that particular time
- And it is difficult for doctors/caretakers to monitor the patients around the clock. To avoid this problem, this medicine reminder system is developed
- An app is built for the user (caretaker) which enables him to set the desired time and medicine. These details will be stored in the IBM Cloudant DB.
- If the medicine time arrives the web application will send the medicine name to the IoT Device through the IBM IoT platform.
- The device will receive the medicine name and notify the user with voice commands.

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

Syed Hassan

Smart Medicine Box	Forgetting to take their pills	Prescription, Present time in RTC Module
Pill boxes are pre-loaded in the system	Setting up timetable	Bright light
Sensing capability	Notification sound	Arduino-Uno based Smart medicine box

Gowshalya

An advanced medicine box monitoring Analysis	Alarm clock with Light based slot sensing	light based sensing
capacitive fields	inbuilt with a GSM module	Alerting the patient and also the chemist at the needed instant.
Database	Chart Preparation for medication time	Backend Software

Shobana

connecting with caretakers	Ambulance service	symptoms of an emergency situation like cardiac arrest.
check body posture and movement	measure volume.	time of foods taken
serve the medicines	constant time gap	smart watch.

Sudhan

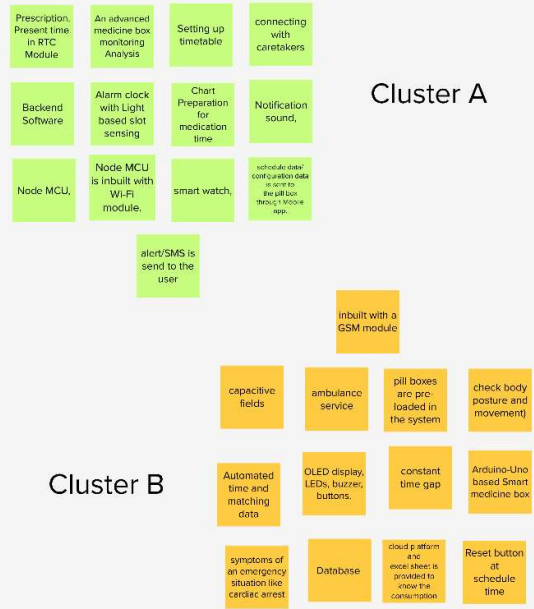
schedule data configuration data stored in the p. box through Mobile app	Node MCU	OLED display, LEDs, buzzer, buttons.
Node MCU is inbuilt with Wi-Fi module	Wi-Fi module	cloud platform and excel sheet is provided to know the consumption
Alert/SMS is send to the user	Automated time and matching data	Reset button at schedule time

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 and break it up into smaller sub-groups.

20 minutes



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

