Ideation Phase
Brainstorm & Idea Prioritization Template

Date	3 October 2022
Team ID	PNT2022TMID29677
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/ibmproject2223/m/ibmproject2223/1664804156438/982a69309d0373e61929e02c837010a5eda7ee1d?sender=u7c727342e13261d0f1617187

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

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 insert a sticky note and hit the pencil switch to also ult icon to start drawing!

Keerthivasan P

- Providing security measures such as password protection for accessing the software
- Keep the devices up to date with the latest firmware and software.
- Avoid frequent charging & charge the device only when it is necessary
- Always check the working condition before wearing it

Jeeva R

- Turn off the gadget when it is not in use
- Attach the gadget tightly and securely with the child
- Check frequently for any abnormalities in the gadget
- Using two factor authentication for more security

Abishek R

- Go through privacy measures that come with the cloud account thoroughly.
- Use secured cloud platform and iot application
- Use a long lasting battery with minimum discharge
- Use device/ sensors that consumes less power

Kesavaraja

- Use protective covering to prevent it from breaking
- To give instructions to the child about the gadget
- using secured protocols to transfer data
- Only allow trusted persons to access the data or gadget
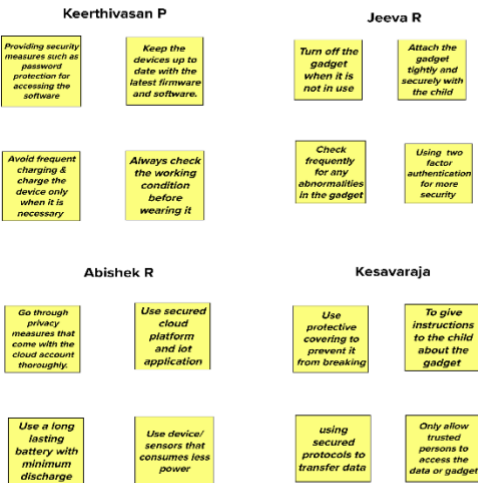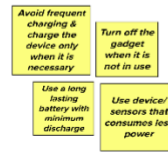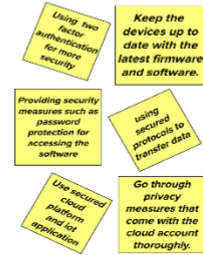
3
Group ideas
Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.
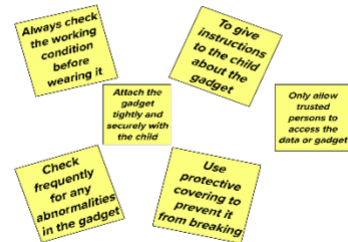⏱ 20 minutes

Energy Efficiency

- Avoid frequent charging & charge the device only when it is not in use
- Turn off the gadget when it is not in use
- Use a long lasting battery with minimum discharge
- Use device/ sensors that consumes less power

Privacy/Security

- Using two factor authentication for more security
- Keep the devices up to date with the latest firmware and software.
- Providing security measures such as password protection for accessing the software
- using secured protocols to transfer data
- Use secured cloud platform and iot application
- Go through privacy measures that come with the cloud account thoroughly.

Safety Measures/General awareness

- Always check the working condition before wearing it
- To give instructions to the child about the gadget
- Attach the gadget tightly and securely with the child
- Only allow trusted persons to access the data or gadget
- Check frequently for any abnormalities in the gadget
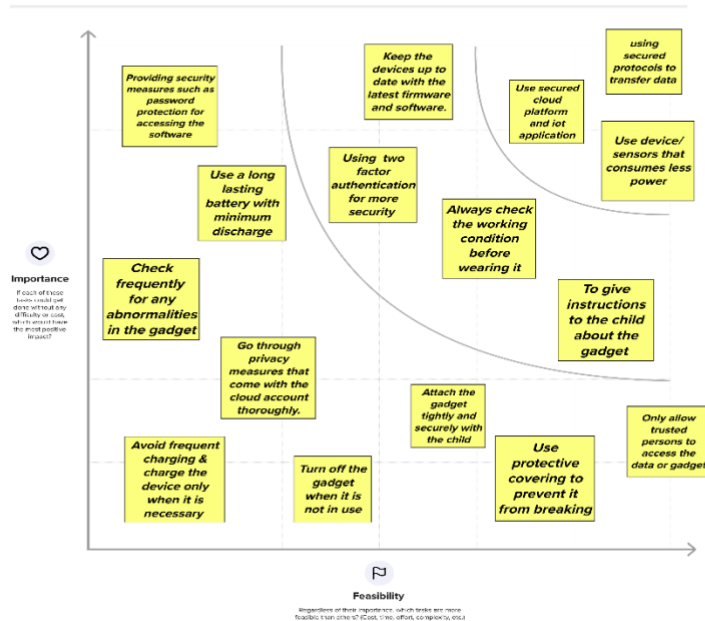- Use protective covering to prevent it from breaking

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

♡ **Importance**
If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Grid contents:
- Providing security measures such as password protection for accessing the software
- Keep the devices up to date with the latest firmware and software.
- using secured protocols to transfer data
- Use secured cloud platform and iot application
- Use device/ sensors that consumes less power
- Use a long lasting battery with minimum discharge
- Using two factor authentication for more security
- Always check the working condition before wearing it
- Check frequently for any abnormalities in the gadget
- Go through privacy measures that come with the cloud account thoroughly.
- To give instructions to the child about the gadget
- Avoid frequent charging & charge the device only when it is necessary
- Turn off the gadget when it is not in use
- Attach the gadget tightly and securely with the child
- Use protective covering to prevent it from breaking
- Only allow trusted persons to access the data or gadget

🚩 **Feasibility**
Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

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 ideas, 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 →

Share template feedback