Ideation Phase
Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID50842
Project Name	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://www.mural.co/templates/empathy-map-canvas

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

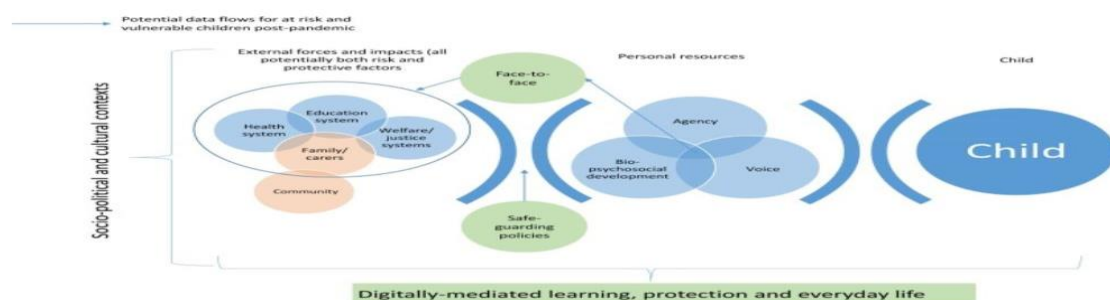**Brain storm and idea prioritization**

Probelm

Safety Device

The safety device protects individuals from potential harms and dangers. A research done by [1] proposed the child safety wearable device using raspberry pi 3. The raspberry pi 3 gathers data from pi camera, pulse sensor and sound sensors. Then, send collected data to parents' smartphones by SMS using GSM shield. Images captured from pi camera and children's location detected by GPS will also be sent to parents' devices. In another study, [2] designed a wearable smart watch for women security. Sensor inside the smartwatch senses the heartbeat of a child or woman who wears it.

Step-2: Idea Prioritization

Step3: brainstorm, idea listening and grouping

Key Findings in Identifying the Existing and Potential Risk in CCIs on Child Protection

70	
60	◆
50	◆
40	◆
30	◆
20	
10	
0	

Not aware of the Do's & Don't's   Not familiar with the protocol   Know about the Child Protection Issues   How to overcome the current risk