

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID04206
Project Name	Real time communication system
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.


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


1


Problem statement


The project aim to develop a system that converts sign language into human hearing voice to convey the normal people. The app enables deaf and dumb to convey their information using sign which converted into human understandable language.



Key rules of brainstorming
To run an smooth and productive session


 Stay in topic.

 Encourage wild ideas.

 Defer judgment.

 Listen to others.

 Go for volume.

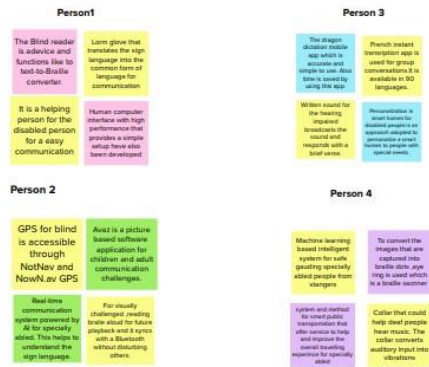
 If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

0



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

GROUP 1

The Blind reader is a device and text-to-Braile converter

Learn glove that translates hand i touched, digitized to a common form of communication

Real-time communication system powered by AI for specially blind. This helps to understand the sign language

For visually challenged reading Braille about for future peoples and I typed with a Bluetooth without disturbing others

To convert the images that are captured into Braille dots, eye ring is used which is a Braille scanner

Color that could help deaf people hear music. The color converts auditory input into vibrations

Machine learning based intelligent system for safe guiding specially blind people from strangers

Written sound for the hearing impaired broadcasts the sound and responds with a brief voice

GROUP 2

Real-time helping hand, a new development for helping disabled people in various circumstances

Human computer interface with high performance that provides a simple setup have also been developed

GPS for blind is accessible through NoNav and NowNav GPS. It is simple to use and accessible for everyone with a simple setup have also been developed

Avaz is a picture based software application for children and adult communication challenges. It is a simple to use and accessible for everyone with a simple setup have also been developed

For visually challenged reading make about for future peoples and I typed with a Bluetooth without disturbing others

To convert the images that are captured into Braille dots, eye ring is used which is a Braille scanner

Color that could help deaf people hear music. The color converts auditory input into vibrations

Machine learning based intelligent system for safe guiding specially blind people from strangers

Written sound for the hearing impaired broadcasts the sound and responds with a brief voice

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

