

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	02 November 2022
Team ID	PNT2022TMID27674
Project Name	Project – Real-Time Communication System Powered by AI for Specially Abled
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

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.

[Open article](#) ➔

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

Establish a real time communication with specially abled and normal person and vice versa

2

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 icon to switch to sketch icon to start drawing!

Team leader

Virtual assistants

Well organized user interface

Real-time captioning

Speech Recognition

Facial recognition

Dataset of hand gestures

Offline mode usage

Fast and accurate

Auto detection of signs

Team member 1

Built-in library for phrases

Secure user information

Different application platforms

Alternative outputs

Recovery mechanisms

Ability to speed communication

Skin detection

Avoiding timeouts

Effective and accurate outputs

Team member 3

Privacy and security

Secured access

Sign recognition

Readjustments of graphic elements in UI

Audio descriptions

Quick responses

Control of services

Automated correction

Alternative Solutions

Team member 4

Error prevention

Speech clarification through texts

Multiple input

Text summarization

Captions and translations

Easy to use

Maintaining confidential conversation

Image preprocessing

Using various language

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

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mind.

Using Artificial Intelligence

Speech Recognition

Audio descriptions

Built-in library for phrases

Readjustments of graphic elements in UI

Using CNN

Real-time captioning

Fast and accurate

Facial recognition

Auto detection of signs

Cloudant DataBase

Dataset of hand gestures

Auto detection of signs

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

