

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	19 NOVEMBER 2022
Team ID	PNT2022TMID29272
Project Name	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.

Reference: <https://www.mural.co/templates/empathy-map-canvas>

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



# Brainstorm & idea prioritization

Executing a brain storm is not unique; holding a protective brain storm is the great brain storm are ones that said the stadge for fresh and generating thinking through simple guidleness.

🕒 **15 minutes** to prepare

🕒 **1 hour** to collaborate

👤 **5 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.

 15 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

In our society we have peoples with disabilities. The project aims to develop a system that converts the sign language into human hearing voice in the desired language to convey a message to normal people.

🕒 10 minutes

### PROBLEM

To develop an AI model that converts sign language into a speech that can be understood by normal people.



### Key rules of brainstorming

To run a smooth and productive session

2

## Brainstorm

Have a each participant begin in the brainstorm space by silently brainstorming ideas and placing them into the template.

🕒 10 minutes

### TIP

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!



### Team Leader

The familiar libraries are used like numpy/pandas etc.	It's scalable and flexible one.	Accurate codes are coded for execution.
The dataset are collected to go optimum recognition.	It was coded with help of python its platform free.	Evaluation and process of the model is done.

### Team Member 1

Provide personalization, learning experience, tailored to the specific interest of students with disabilities.	Import library and load dataset. Train the model.	Setting a target difference to evaluate the result.
Create application using python. Create GUI to predict digits.	Analyse the accuracy of the digits.	It's implemented, tested, understood by neural people.

### Team Member 2

Speech input provides another option for individual with disabilities.	Special solution hardware and software. Speech input can be used as a natural language interface to the machine. Different user interface.	Evaluate and training the model.
Create GUI to predict guests.	Create an application using python. Using more libraries.	Understand the abled person.

### Team Member 3

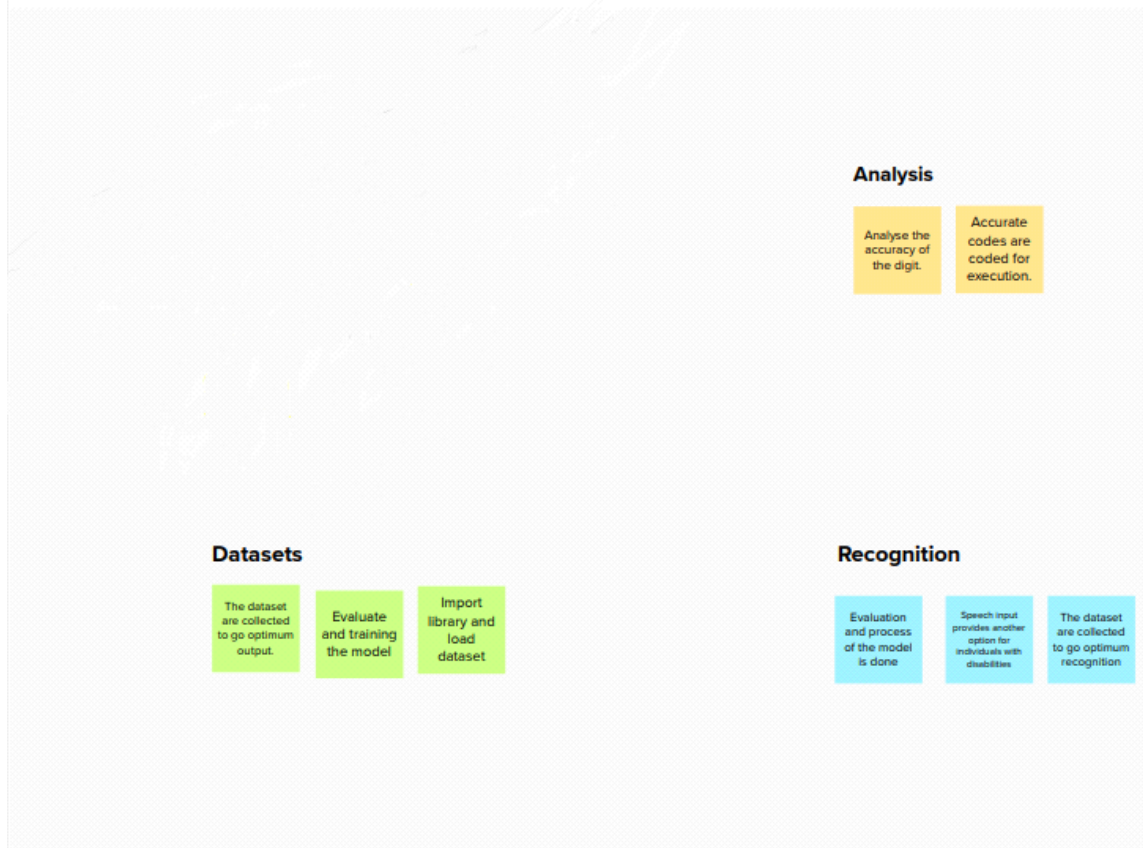
Easy to use. Portable and flexible.	Machine learning algorithms are provided. Automated learning experience tailored to the specific needs of students.	AI for accessibility is a successful program. It's designed to provide living with disabilities.
AI powered robots and other tools provide home based care and other assistance.	Read the input and generate the output.	Compile and run the application.

3

## Group ideas

Have everyone move their ideas into the group sharing space within the template and have the team silently read through them.

🕒 20 minutes

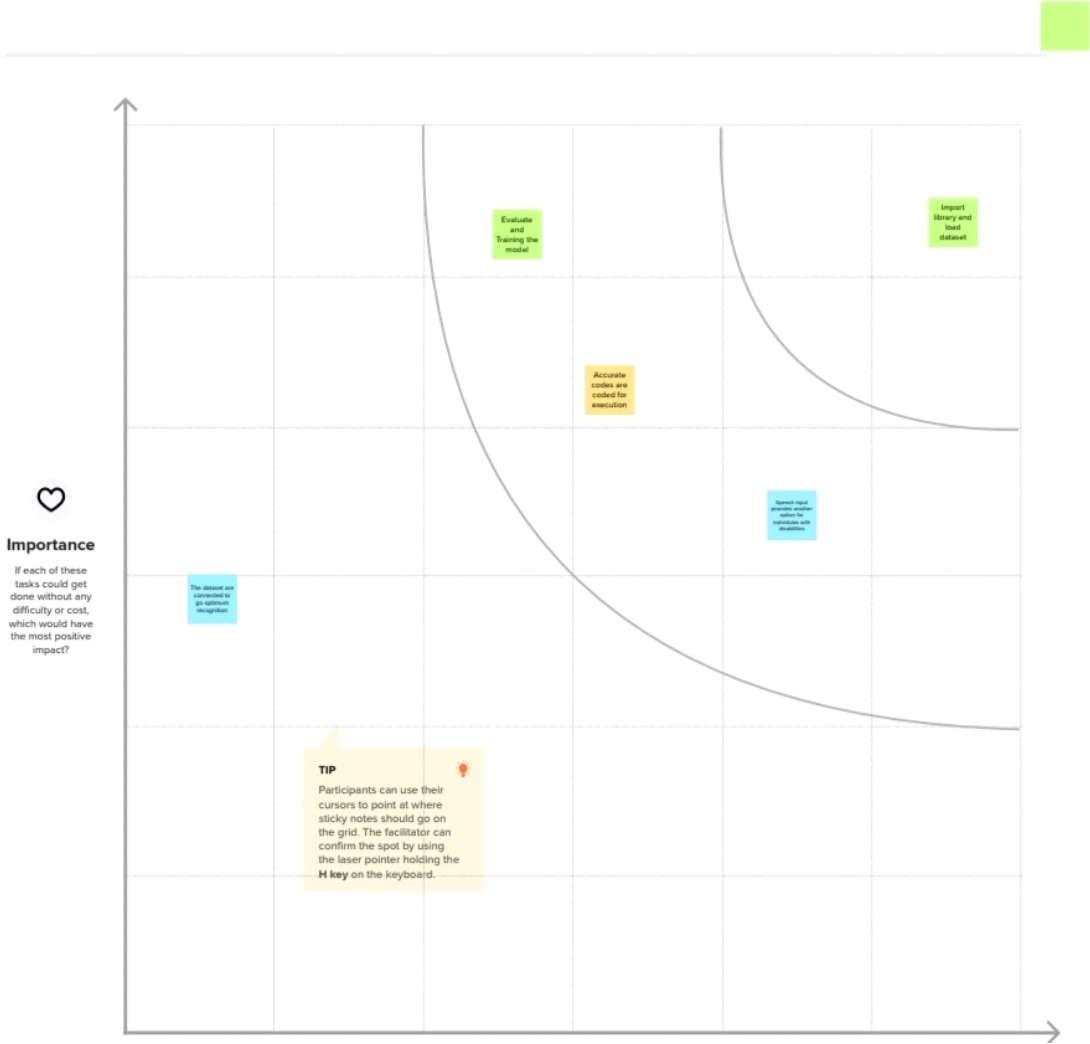


4

**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





## 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.

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### 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 slides, or save in your drive.

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### 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 →](#)



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