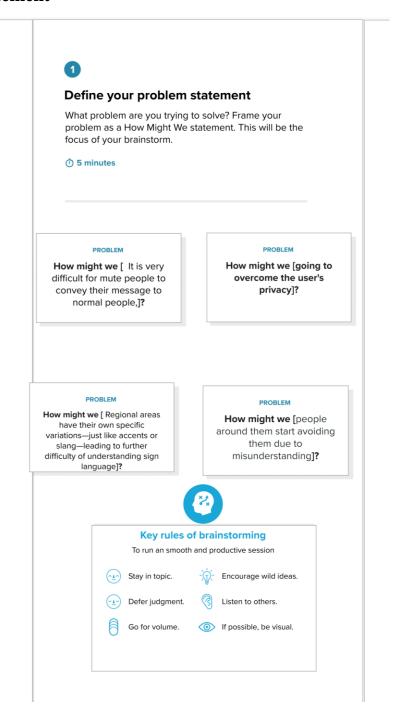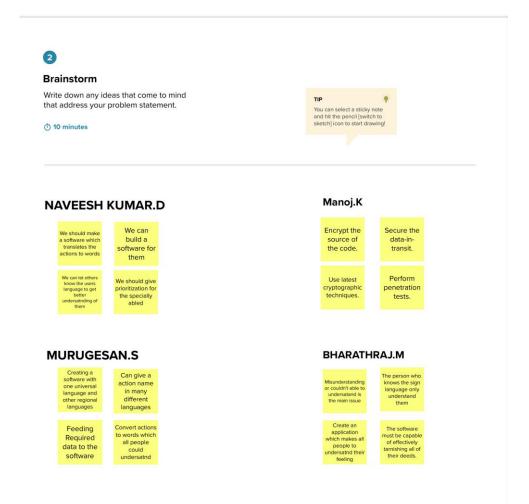# IDEATION PHASE
BRAINSTORM & IDEA PRIORITIZATION

Date	16 October 2022
Team ID	PNT2022TMID22143
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	4 Marks

1.Problem Statement

2.BrainStroming

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 [switch to
sketch] icon to start drawing!

NAVEESH KUMAR.D

We should make a software which translates the actions to words	We can build a software for them
We can let others know the users language to get better understnding of them	We should give prioritization for the specially abled

Manoj.K

Encrypt the source of the code.	Secure the data-in-transit.
Use latest cryptographic techniques.	Perform penetration tests.

MURUGESAN.S

Creating a software with one universal language and other regional languages	Can give a action name in many different languages
Feeding Required data to the software	Convert actions to words which all people could undersatnd

BHARATHRAJ.M

Misunderstanding or couldn't able to undersatand is the main issue	The person who knows the sign language only understand them
Create an application which makes all people to undersatnd their feeling	The software must be capable of effectively tarnishing all of their deeds.

3.Group Idea

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

Generate an App idea

Start to create an idea and collecting required software products to implent the idea	The software will be based on image processing.

Implementation

We are going to create the software using python programming	Implementing image processing by using Python libraries like OpenCv etc..

Features of the software

The software's primary goal is to develop a tool that translates sign language motions into words.	when the actions are made, the software will go through all the images which will be fed to the

software will decide and proceed with the word according to the instruction given

4. Prioritize

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?

- Data Encryption
- Endurance
- Protability
- Image Processing Speed
- Visualization
- Open Platform
- Extends Anywhere

Feasibility

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