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

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

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.

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**
> Real-Time Communication System Powered By AI For Specially Abled

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!

Aakash and Gnanabalan

- List out the problems the differentially abled person faces day to day
- The web interface should be convinient for every people
- The limitations should recognised and addressed
- The sign to text/sound translation should be accurate

Tamilselvan

- Sensors for smooth communication with the AI
- Alert the authorities in case of emergency
- Create an moral and emotional support to boost the self esteem
- Easy to be communicate with other people with same or different disability

Abdul Rahman

- Good Camera should be used for interaction (sign language)
- Considering all the emergency situation a person could face
- The interface should be in different language for people around the world
- The data privacy and security must be maintained

Sakthikumar

- To make it easily acessable to most of diabled people (deaf and dumb)
- Make it portable so it can be used anywhere at anytime
- It must be cross platform compatible
- It should be in a way that it can convey emotions of other people as well as themselves while communicating

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

DATA PROCESSING

- Process all the input video and audio
- Voice can be coverted to text and vice versa
- The hand signs should be processed

AI MODEL

- By using Convolutional neural network
- Use minimum 10 hidden layers
- Using relu activation
- Using sigmoidal activation

CLOUD

- Use IBM cloud services
- Store or backup data in case of security threats and accidental data loss
- To create a cloud database

WEB APPLICATION

- Should be compatible with different devices
- UI/UX should be smooth and user friendly
- Flask is used as a host
- Real time output will be given

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?

TIP
Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.

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

- Regular updates should be given
- Sign to multilanguage and multiaudio convertion
- The accuracy of the output obtained
- The user interface should be friendly
- Data security and privacy

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.

Quick add-ons

A   **Share the mural**
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

B   **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.

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