



## 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

💬  
Share template feedback



### 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.

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### 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

A major challenge involved is to provide doctors with efficient initiative ,accurate and safe means of interaction without affecting the quality of their work .However ,the use of computer key-boards and mouse by doctors and nurses in intensive care units is a common method for spreading infections .we suggest the use of hand gesture in medical field as an alternative to existing interface technique offering the major advantages of sterility.



#### 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.

2

### Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

#### Sharmila E

Adopting new technology

we can use high sterilized equipments

Hand gesture recognition based on human machine interface

convolutional neural networks

#### Boomika T

Technology to monitor patients health

physician-machine interaction

we can use webcam to manipulate image

#### Abirami M & Mahalakshmi TS

Helps in pandemic situation

we can use acceleromet ersensor

Natural Human Computer Interaction

we can also capture video

#### Harini priya S

safe and secure

HCI based on non verbal conventional modalities

To identify the diseases in human body

Freehand stereotactic device

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 and break it up into smaller sub-groups.

🕒 20 minutes

#### Artificial Intelligence

Gestures of human parts are identified

Hand gesture in hospital

Capture videos

Hand motion response

Non verbal communication

#### Features

Used in critical situations

It is done in an efficient way

Freehand stereotact icmethod

Producing an accurate result

#### General expectation.

Adopting new technology

To monitor patients health

Done in a safety way

To identify diseases in human body easily

#### Implementation

Tested in real time

Surgeons experiment on hand gesture

Using convolutional neural network

Human computer interaction is used

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

