

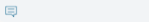


# Brainstorm

## & 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.

[Open article](#)

1

### 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

Ajay Krishnan

Adopting new technology

we can use high sterilized equipments

Hand gesture recognisatoin based on human machine interface

convulutional neural networks

Lokeswaran

Technology to monitor patients health

physician-machine interaction

we can use webcam to manippulate image

Gestures of human parts are identified

Sathiskumar

safe and secure

HCI based on non verbal conventional modalities

To identify the diseases in human body

Freehand stereotatic device

Hariprasath

Helps in pandemic situation

we can use accelometer sensor

Natural Human Computer Interaction

we can also capture video

Ramesh

ideation

Prepare empathy map

Image processing

Build python code

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

Hand gesture in hospital

Hand motion response

Capture videos

Non verbal communication

#### General expectation.

Adopting new technology

To monitor patients health

Done in a safety way

To identify diseases in human body easily

#### Features

Used in critical situations

Freehand sterotatic method

It is done in an efficient way

Producing an accurate result

#### Implementation

Tested in real time

Using convolutional neural network

Surgeons experiment on hand gesture

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

