

# Ideation Phase


## Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID26041
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	4 Marks

### Brainstorm & Idea Prioritization Template:

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

Template



## 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

### 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

The **handwritten digit recognition** is the capability of computer applications to **recognize** the human **handwritten digits**. It is a hard task for the **machine** because **handwritten digits** are not perfect and can be made with many different shapes and sizes. The **handwritten digit recognition system** is a way to tackle this

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.

## Step-2: Brainstorm, Idea Listing and Grouping

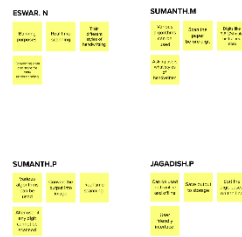
2

### Brainstorm

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

10 minutes

**TIP**  
You can select a sticky note and in the next 2 minutes to share it with the group.



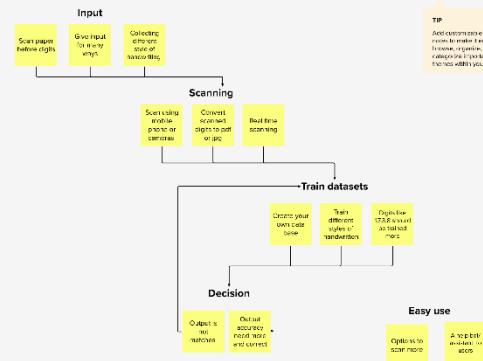
3

### 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 can break it up into smaller sub-groups.

20 minutes

**TIP**  
Add extra sticky notes to sticky notes to make a cluster to find a sentence-like label and categories to put them in as they address your topic.



## Step -3: Idea Prioritization

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

