

## Ideation Phase Brainstorm & Idea Prioritization Template

Date	30 October 2022
Team ID	PNT2022TMID12390
Project Name	A Novel Method for Handwritten Digital Recognition System
Maximum Marks	4 Marks

### Brainstorm & Idea Prioritization Template:


Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

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.

Reference: <https://www.mural.co/templates/empathy-map-canvas>

### 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  
3-8 people recommended

4

### 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

4

Team gathering

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

4

Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.

4

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

1

Problem

Handwriting recognition is one of the most important components of our business. We need to find a way to improve our handwriting recognition system to help our customers get the most out of their documents.

2

Key rules of brainstorming

To run a smooth and productive session

- Stay on topic
- Defers judgement
- Use the volume
- Encourage wild ideas
- Listen to others
- 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

TP  
You can select a sticky note and hit the pencil/eraser icon to edit/delete it.

Define index	Normalize	Java সংগ্রহ
1. Define index 2. Define index 3. Define index 4. Define index 5. Define index 6. Define index 7. Define index 8. Define index 9. Define index 10. Define index	1. Define index 2. Define index 3. Define index 4. Define index 5. Define index 6. Define index 7. Define index 8. Define index 9. Define index 10. Define index	1. Define index 2. Define index 3. Define index 4. Define index 5. Define index 6. Define index 7. Define index 8. Define index 9. Define index 10. Define index

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

The system is developed for different types of handwriting digit recognition

There is a wide range of handwriting - good and bad

The image of the document is segmented into lines, words and individual character

Based on the shape analysis of the digit image and extract slant or slope information

## 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

