


Ideation Phase

Brainstorm & Idea Prioritization Template

Date	7 NOVEMBER 2022
Team ID	PNT2022TMID31967
Project Name	A NOVEL METHOD FOR HAND WRITTEN DIGIT RECOGNITION
Maximum Marks	4 Marks

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

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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

Hand written numbers (or) digits from the user is given an input and predict the numbers and then convert into digital digits.

Key rules of brainstorming

To run an smooth and productive session

😊 Stay in topic.

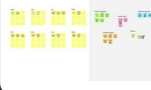
💡 Encourage wild ideas.

🙊 Defer judgment.

👂 Listen to others.

🗣️ Go for volume.

👁️ If possible, be visual.



Need some inspiration?

See a finished version of this template to kickstart your work.

[Open example](#) →

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 hit the pencil [switch to sketch] icon to start drawing!

SENTHAMILSELVAN.S

Take input from the user as image	Create a GUI as webpage	upload the image in the web page
predict the input from the user	predict the goods	Train the model
Test the models	recognise the input	convert the raw data into numerical data

RAMU.M

pixel detection	time interval	pixel size
time interval	digit classification	color detection
digits detection	symbol classification	space detection

SENTHILS

digits recognition	color detection	pixel scaling
space detection	digits detection	line detection
digits spacing	image detection	digits classification

MUNIRAJ.M

grabbing digits to a grid	predict where the image	Acquisition
learning modules	pixel definition	Re- sampling

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

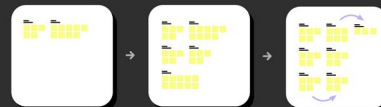
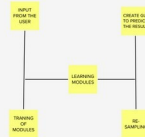
TIP

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

FLOW PROCESS



MODULES



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



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

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

- 1. **Strategy blueprint**
Define the components of a new idea or strategy.
[Open the template →](#)
 - 2. **Customer experience journey map**
Understand customer needs, motivations, and obstacles for an experience.
[Open the template →](#)
 - 3. **Strengths, weaknesses, opportunities & threats**
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.
[Open the template →](#)

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