


## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	29 April 2023
Team ID	NM2023TMID01947
Project Name	Intelligent Garbage Classification using Deep learning
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

[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


A growing population and economy, which means increasing the volumes of waste generated. Increased complexity of the waste stream and then hazardous waste mixes with general waste. It will generate a dangerous chemical reaction and it affects the workers so we implement an automated system that sorts the waste by image processing method / techniques to separate degradable and non-degradable waste. The reusable garbage is sold to the waste management factories used to improve the economic status





#### 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

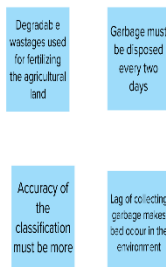
#### TIP

You can select a sticky note and hit the pencil icon to start drawing!

#### ARUNA B



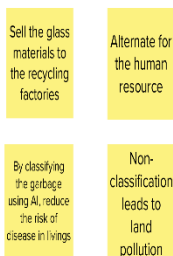
#### MADUMITHA R



#### RAJALAKSHMI J



#### KARTHIGA A



3

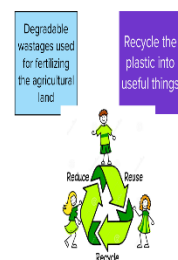
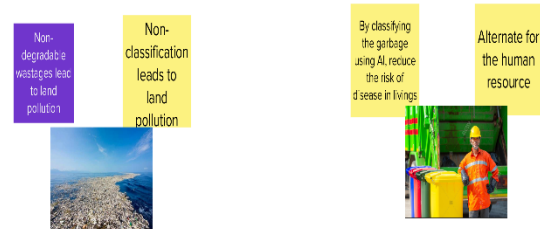
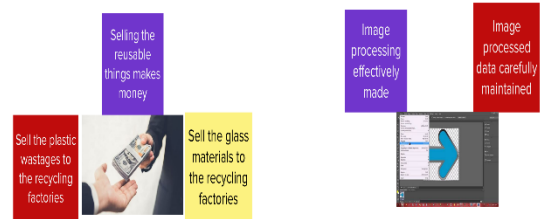
### Group ideas

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 customizations to sticky notes to make it easier to find, remove, organize, and categorize important ideas as themes within your mural.



## Step-3: Idea Prioritization

4

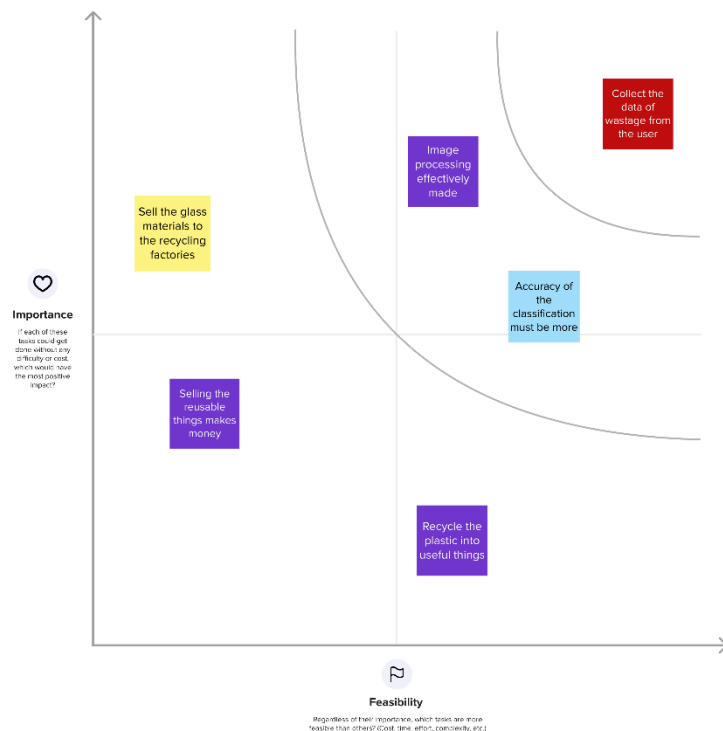
### Prioritize

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

#### TIP

Participants can use their fingers to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the rear pointer holding the **H key** on the keyboard.



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### 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

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

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