

# IDEATION PHASE

## BRAINSTORM & IDEA


## PRIORITIZATION

DATE	17 November 2022
TEAM ID	PNT2022TMID44680
PROJECT NAME	Fertilizer Recommendation System For Plant Disease Prediction
MAXIMUM MARK	4 Marks

### Brainstorm & Idea Prioritization:

#### *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



#### 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

How might we (your problem statement)?

Key rules of brainstorming

To run a 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 fit the pencil (arrow) to description to start drawing.

UmaMaheshwari.S

Avoid unwanted fertilizer

It allows farmers buy fertilizer to buy application itself

Easily identify the disease

Avoid unwanted chemical

Farmers can cultivate their crops without any hurdle

Usage of fertilizer in correct way

Usage period of fertilizer to be mentioned

Userfriendly

KavyaLexmi.S

Farmers may avoid soil pollution

It detects and suggest better solution

It also suggests the farming techniques to the farmers

Free recommendation for the farmers

Disease identification

Prior knowledge about the disease

Suggest the good fertilizers

Quality of fertilizers must be good

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 you move within your mural.

Suggest Farming techniques to the farmers

Farmers can use correct fertilizers

Farmers can easily identify the disease

Avoid financial loss

## 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

Provides correct remedy

Suggests correct fertilizers

Easy identification of plant disease

TIP

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

Importance

If each of these ideas could get done without any difficulty or cost, which would have the most positive impact?

Feasibility

Regardless of how brilliant an idea is, how feasible is it? (Cost, time, effort, complexity, etc.)

5

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

Share the mural

Share a view link to the mural with stakeholders to keep them in the loop about their outcomes or the session.

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

Outline 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 →

Share template feedback