

Ideation Phase

Brainstorm & Idea Prioritization Template


DATE	10 October 2022
TEAM ID	PNT2022TMID10804
Project Name	Project - Fertilizers Recommendation System for Disease Prediction
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 quantity 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.

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
Get everyone who'll participate in the session and send on brain. Share relevant information or pre-work ahead.
- B** Set the goal
Share about the problem you'll be focusing on solving in the upcoming session.
- C** Learn how to use the facilitation tools
Use the Facilitation Superpowers to run a happier 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

How?

How might we [your problem statement]?

2 Key rules of brainstorming

To run a smooth and productive session

🗣️ Stay on topic


👂 Offer judgement

🗣️ Go for volume

💡 Knowledge isn't a zero-sum game

👂 Listen to others

🗣️ If possible, be vocal



Need some inspiration?
See a list of ideas off this template to inspire your team.

[Open examples](#)

Step-2: Brainstorm, Idea Listing and Grouping

2 Brainstorm

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

10 minutes

HARISHARAN M

- plant and crop - study
- Early Detection of diseased plant
- Greater Accuracy rate
- Problems caused by weeds
- harmful insects

LOKESH D

- fertilizer will not affect the plant growth
- time and cost are saved for the farmers by detecting the disease in early stage
- Website for availability
- Farmers can get benefited
- Early prediction of diseases

HEMANATH C

- software will provide suitable fertilizers for the different of plants
- recommendation of fertilizers will increase profit to farmers
- software should predict the disease accurately based on the symptoms of the plant
- software should save the time for the farmers in predicting the disease
- Using this software farmer can able to choose the fertilizer based availability and and so on

MAHAN K

- Quick solution
- Farmers can need to be educated
- Better use of resources
- No prior knowledge
- Cloud based server

TIP You can select a sticky note and place it on the grid to make it more visible.

3 Group Ideas

Time 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



Innovation Idea

- Early Detection of diseased plant
- software should predict the disease accurately based on the symptoms of the plant
- Cloud based server
- Website for availability

Proposed System

- Quick solution
- recommendation of fertilizers will increase profit to farmers
- time and cost are saved for the farmers by detecting the disease in early stage
- Greater Accuracy rate

TIP Give each cluster a label to make it more visible. You can use a sticky note to make it more visible.

Step-3: Idea Prioritization

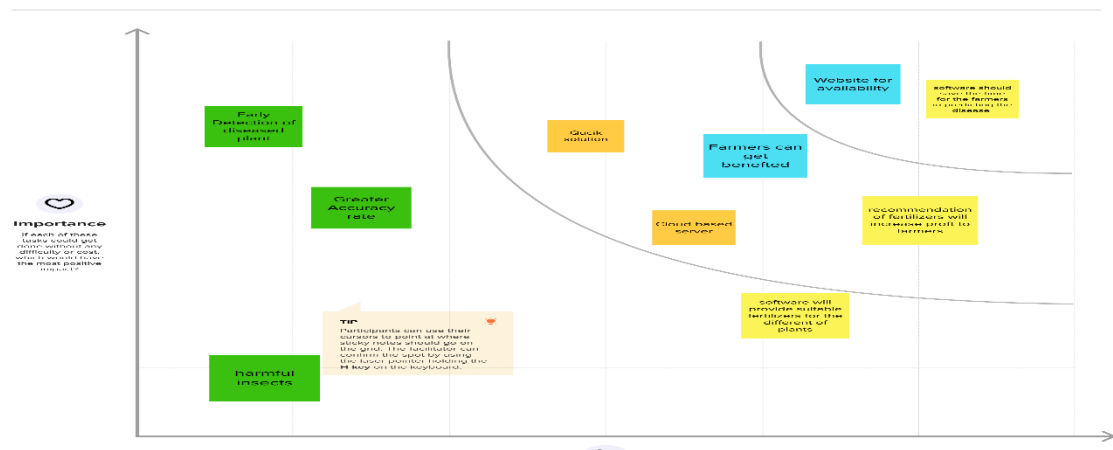
4 Prioritize

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

Importance

If each of these tasks could get done, which one is the most important? (Cost, time, effort, complexity, etc.)



Feasibility

Response of the importance, which task are more feasible than others? (Cost, time, effort, complexity, etc.)

TIP Participants can use their source to point at where their ideas should be on the grid. The facilitator can confirm the spot by using the hand pointer, holding the ID tag on the background.

