


Ideation Phase

Brainstorm & Idea Prioritization

Date	17 September 2022
Team ID	PNT2022TMID39927
Project Name	Project – Fertilizers Recommendation System For Disease Prediction
Maximum Marks	4 Marks

Step-1: Team Gathering, Collaboration and Select the Problem Statement



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.

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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 must find a Fertilizers Recommendation System For Disease Prediction ?

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 hit the pencil icon (switch to sketch) to start drawing!

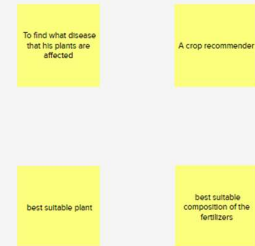
Person 1	Person 2	Person 3	Person 4
RF DISEASE RECOGNITION	Pathogen-free seeds produced in drought free regions	Resource and field mapping	SMART AND SUSTAINABLE AGRICULTURE USING FPGA
PREDICTION OF CROP YIELD AND FERTILIZER	Heat-water for seed treatment	weather forecasting	LSVR
NUTRIENT CONTENT ANALYSIS	Soil salination	pesticide and fertilizer use	AI/ML architecture
RF FERTILIZER ANALYSIS	Gemological compounds of seeds	Drawing and herbicide	REINFORCEMENT LEARNING
DEEP NEURAL NETWORKS AND BERT	CGMS STATICAL TOOL	Intelligent and Monitoring	GOOLNET
ACTIVATIONAL ACTIVITY	PERFECT GUIDANCE ON WHICH FERTILIZER TO USE	Heat tolerance Varieties	
REMOTE SENSING AND GIS AND GPS	CNN		

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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



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

