


Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID21357
Project Name	Project – Smart Farmer-IoT Enabled Smart Farming Application
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

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

➡ 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 [your problem statement]?

Key rules of brainstorming

To run a smooth and productive session

🗣️ Stay in topic.

⏸️ Defer judgment.

🗣️ Go for volume.

💡 Encourage wild ideas.

👂 Listen to others.

👁️ If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

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

⌚ 10 minutes

Team Lead

- Using Agriculture Drones
- Smart Greenhouses

Member 1

- Smart Irrigation systems
- Smart Greenhouses

Member 2

- Smart Irrigation systems
- Smart Greenhouses

Member 3

- Smart Irrigation systems
- Smart Greenhouses

Group Ideas
Take some time to discuss and/or sketch ideas to group. One all ideas come from team group, give each member a chance to lead. If a member is right, give an early vote, to add to your and build up your creative subgroups.

⌚ 10 minutes


Agile develops an IoT-based Sensor Station


Farmer's Hive provides Remote Monitoring Sensors


Using Agriculture drones


TensorFlow weather station predicts rainfall intensity


Sensors to track the temperature of livestock











Step-3: Idea Prioritization

3 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.

→ Introduction

Importance

Feasibility

Agria develops an IoT-based Sensor Station

Farmer's Hive provides Remote Monitoring Sensors

Using Agriculture drones

This idea is important, but it's not as feasible as the others. It might be worth considering if the team has the resources to bring it to life.

4 After you collaborate

You can export the board as an image or pdf or share with members of your company who might find it helpful.

Quick actions

- Share the board: Share a link to the board with other team members in the top right corner of the board.
- Export the board: Export a copy of the board as a pdf or print to save it as a document.

Keep working smarter

- Strategy blueprint: Define the company's vision, mission, and strategy. [Open the blueprint](#)
- Customer experience journey map: Understand customer needs, expectations, and emotions for an experience. [Open the blueprint](#)
- Strengths, weaknesses, opportunities, threats (SWOT) analysis: Identify strengths, weaknesses, opportunities, and threats (SWOT) for a business plan. [Open the blueprint](#)

→ Share blueprint feedback