Ideation Phase
Brainstorm & Idea Prioritization Template

Date	26 Oct 2022
Team ID	PNT2022TMID35078
Project Name	Smart Farmer – IOT Enabled Smart Farming Application
Maximum Marks	4 Marks

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

Step-2: Brainstorm, Idea Listing and Grouping

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Brainstorm

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

⏱ 10 minutes

Vyshnavi

Nuhiya

Charani Sri

Nandhika

Lavanya

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 and break it up into smaller sub-groups.

⏱ 20 minutes

One of the difficult tasks in farming is watering the plants, which requires them to wait until the entire field has been rained on.
He once had to spend 30 minutes checking the field.

Using a temperature sensor, moisture sensor, water level sensor, DC motor, and GPRS module made farming easier. The IOT-based farm monitoring system starts by analysing the moisture, humidity, and water levels.

Smart farming is a management idea that aims to give the agricultural sector the infrastructure to use cutting-edge technology, such as big data, the cloud, and the internet of things (IoT), for tracking, monitoring, automating, and analysing processes.

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**

⚑ **Feasibility**