


Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 October 2022
Team ID	PNT2022TMID38150
Project Name	Smart Farmer – IOT Enabled Smart Farming Application
Maximum Marks	4 Marks

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

Template



Brainstorm & idea prioritization

For Smart Farming - IoT enabled Smart Farming Application

⌚ 10 minutes to prepare
👥 1 hour to collaborate
👤 2-3 people recommended

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1

Problem statement for smart farmer

⌚ 5 minutes

PROBLEM

There is a pressure on farmers to increase food production while consuming less water and energy, a remote control & surveillance. Farmers will benefit from a system that effectively handle these pressures.

2

To run an smooth and productive session

- 👂 Stay in topic.
- 🚫 Defer judgment.
- 🗣️ Go for volume.
- 💡 Encourage wild ideas.
- 👁️ If possible, be visual.
- 👂 Listen to others.

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

⌚ 10 minutes

Vyshnavi

The majority of immigrants in Canada have been women, mostly from the Philippines, who have a high level of education and a high level of income. They are also more likely to be employed than men. This is a trend that is likely to continue in the future.

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Charani Sri

and "other" patients working under increased time pressure. In effect, these patients are being asked to perform the same tasks as the "normal" patients, but with less time to do so.

It is important to note that the results of this study do not suggest that the results of the other studies are incorrect. The results of this study are simply different, and they are different because the patients in this study were not working under increased time pressure.

The authors of this study are not suggesting that the results of the other studies are incorrect. They are simply suggesting that the results of this study are different, and they are different because the patients in this study were not working under increased time pressure.

The information provided by a single subject is insufficient to make a diagnosis of a disorder. The information must be combined with information from other sources, such as the clinical history, physical examination, and laboratory tests, to make a diagnosis.

Nuhiya

Parasitoids and their associated predators and parasitoids are also dramatically increasing. *Microgaster* spp., a genus of parasitoid wasps, is thought to be the most important parasitoid of the European spruce sawfly. In 1992, it was estimated that parasitoids were responsible for 20 percent of the wood loss in the spruce.

Lack of information. High education levels, security issues, and other factors are the primary problems that IoT in agriculture is facing. Most farmers are unaware that IoT is being used in agriculture.

Nandhika

<p>If the initial α-carbon molecule is 2,2,4,4-tetramethyl-3-pentanone, 2,2,4,4-tetramethyl-3-pentanone, and water, the reaction is:</p> <p>2,2,4,4-tetramethyl-3-pentanone + water \rightarrow 2,2,4,4-tetramethyl-3-pentanol + 2,2,4,4-tetramethyl-3-pentanone</p>	<p>Each molecule of 2,2,4,4-tetramethyl-3-pentanone reacts with one molecule of water to form one molecule of 2,2,4,4-tetramethyl-3-pentanol and one molecule of 2,2,4,4-tetramethyl-3-pentanone.</p>
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Research on Black students of various ethnicities has consistently shown one of the main reasons for lower performance is inadequate academic skills. The difference in academic skills is often due to the opportunity to learn. This article focuses on the role of the school in providing the opportunity to learn for Black students. The article also discusses the role of the school in providing the opportunity to learn for Black students.

Lavanya

Tubers, crowns, corms, rhizomes, and other vegetative structures are used in agriculture to produce new plants and are also used in horticulture for propagation of ornamental plants.

The user interface promises a high degree of flexibility. It supports a wide range of input devices, monitors, and controllers, as well as a wide range of languages. It also supports a wide range of output devices, including monitors, printers, and speakers. The user interface is designed to be easy to use and to provide a high level of flexibility.

Swimming like a fish means to be confident and comfortable in the water, to be able to swim well, to be a skilled swimmer, to be a good swimmer.

2

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

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

