



**MAHENDRA INSTITUTE OF TECHNOLOGY**

**Department of Computer Science and Engineering**

## **Smart Farmer-IOT Enabled Smart Farming Application**

**IBM NALAIYATHIRAN**

### **Brainstorm & Idea Prioritization Template**

<b>TITLE</b>	<b>Smart Farmer-IOT Enabled Smart Farming Application</b>
<b>DOMAIN NAME</b>	INTERNET OF THINGS
<b>TEAM ID</b>	PNT2022TMID17252
<b>LEADER NAME</b>	KARTHICKRAJA M
<b>TEAM MEMBER NAME</b>	KAVIN M KAVIYARASAN R LOGANATHAN K
<b>MENTOR NAME</b>	DIVYA BHARATHI G

## **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 amount 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.

Reference: <https://www.mural.co/templates/empathy-map-canvas>

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## 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 can we stop the water flow after the fields get enough water if our network is disconnected?



### Key rules of brainstorming

To run an smooth and productive session



Stay in topic.



Encourage wild ideas.



Defer judgment.



Listen to others.



Go for volume.



If possible, be visual.

2

## Brainstorm

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

🕒 10 minutes

KARTHICKRAJAM

Aesthetic UI Design

Storing personal details like address in a secure manner

Email notification functionality

Dynamic database updation

Simple and direct buttons and instructions

Collaborating with government

KAVIN M

User Friendly

Responsive UI

Collaboration with corporation

Message and E mail notification of sender and receiver

User security

Keep track of users

LOGANATHAN K

Keeping facilities among users

Posters and social media marketing

clear instructions

user feedback

Dark modet and light mode UI

Fast fixing of bugs

KAVIYARASAN R

Next Component available

The boundary of the problem is blurry

quality foods

clear instructions

customer details safe and secure

Storage system powered by blockchain

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### 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

#### User Interface

Anti-fake UI Design

Dark mode and light mode UI

Responsive UI

Clear instructions

#### core functionalities

Email notification functionality

Collaboration with Google Calendar

#### Marketing

Collaborating with government

Advertise and monitor app

Collaboration with corporation

Posters and social media marketing

#### Reward System

Incentives to person

Quality foods available

Rewards for customers

Coupon codes and goodies to customers

#### Security

User security

Using 2FA in app

#### Miscellaneous

Fast fixing of bugs

Awareness page inside the app

keep track of users

comfort for farming

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## 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

