Smart Farmer-IOT Enabled Smart Farming Application

IBM NALAIYATHIRAN

Brainstorm & Idea Prioritization Template

TITLE	Smart Farmer-IOT Enabled Smart Farming Application
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMID26684
LEADER NAME	S.CHANDRU
TEAM MEMBER NAME	PRABHAKARAN.A SIVAHARISH.K RAMKUMAR.T
MENTOR NAME	KARTHIKA

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 imaginationand start shaping concepts even if you're not sitting in the same room.

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 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

KARTHICKRAJA M	KAVIN M	LOGANATHAN K	KAVIYARASAN R
Asethetic UI Design	User Friendly	Keeping facilities among users	Neat compartment available
Storing personal details like address in a secure manner	Responsive UI	Posters and social media marketing	The boundary of the problem is battery
Email notification funcionality	Collaboration with corporation	clear instructions	quality foods
Dynamic database updation	Message and E mail notification of sender and receiver	user feedback	clear instructions
Simple and direct buttons and instructions	User security	Dark moder and light mode UI	customer details safe and secure
Collaborating with government	Keep track of users	Fast fixing of bugs	Arrange anytime pesticide/fertilizer

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**

User Interface

Aesthetic UI Design

Dark mode and light mode UI

Responsive UI

Clear instructions

core functionalities

Email notification functionality

Colloboration with Google Calendar

Marketing

Collaborating with government

Advertise and marktet app

collboration 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

Awarness page inside the app

keep track of users

comfort for farming

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**