**1**

# Define your problem statement

### To help medium scale and small-scale farmers to reduce their work load with the help of smart farming application by monitoring the fields remotely

This is a textbox...

This is a textbox...

This is a textbox...

**2**

# Brainstorm

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

**3**

# Group ideas

**4**

# Prioritize

This is a textbox...

**Raviraagul V**

# Sanjay B

**LED**

**indicators**

**Monitoring humidity and soil moisture**

**PROBLEM**

Crop yield

Plant Growth

Soil moisture

Soil Type

Humidity sensor

Moisture sensor

Android application

**Increasing crop yield**

## Key rules of brainstorming

Notification

Water level Controller

**Disease identification**

Yield

Water Level

Humidity

**Save water by sensing the water level in field**

To run a smooth and productive session

Stay in topic. Defer judgment.

Encourage wild ideas. Listen to others.

# Vignesh P

**Dinesh Kumar S**

**Farming Land**

**Mobile Application**

**Motors**

**IoT device**

**Database**

Go for volume. If possible, be visual.



**Application features**

Sensor database

User Interface

Farming Land

Plant Nutrition

Fertilizers

IoT Devices

Electricity

Crop period

Wind Velocity

Seeds

Harvest time

**Sensors**

**Sensing the field**