

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID23529
Project Name	Smartfarmer – IOT enabled Smart farming Applications
Maximum Marks	4 Marks
Name	RAMAKUMAR B

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.

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





OBJECTIVES

To optimize the water consumption

To cultivate rare crops as well as normal crops

To design and develop a distributed data acquisition system

Mainly for the young generation to eat healthy and hygienic food

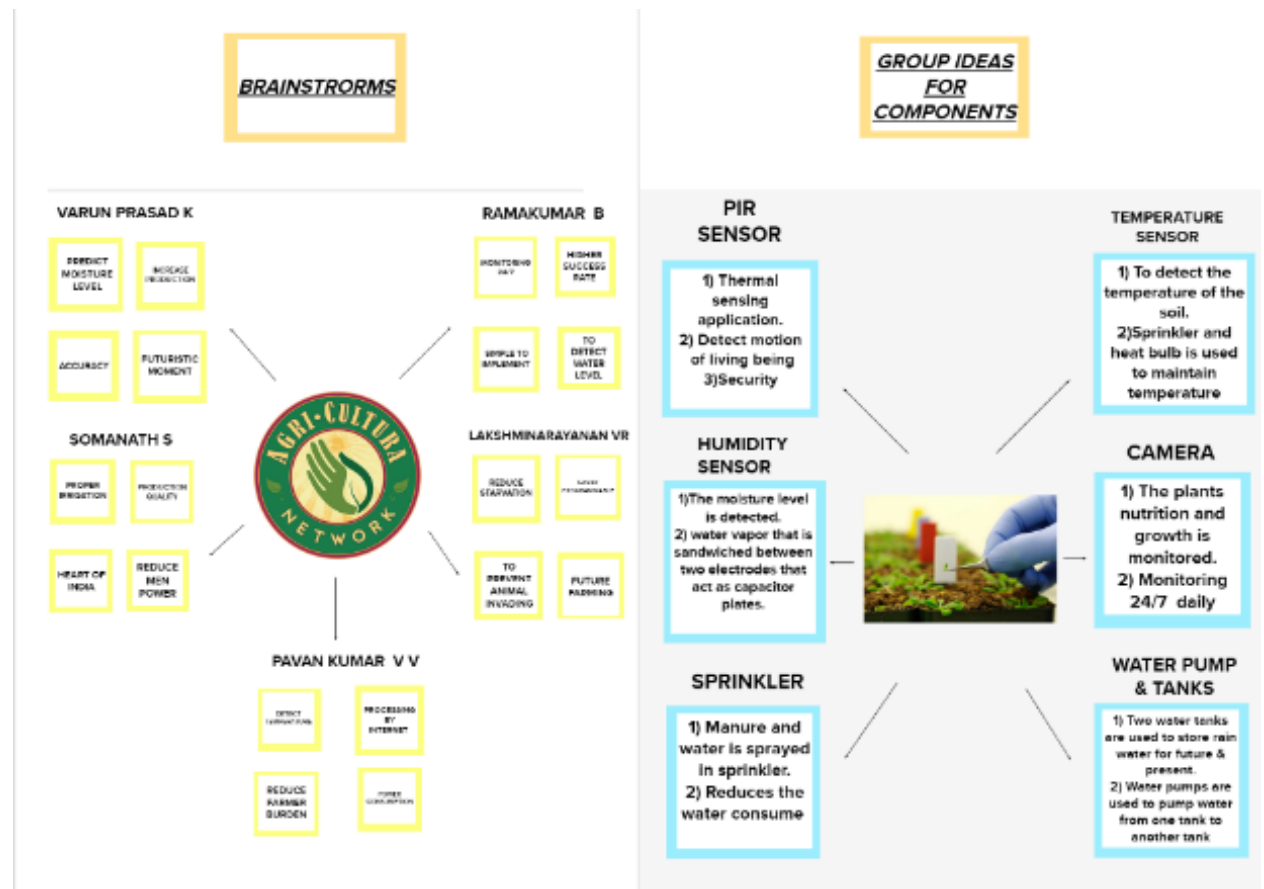
PROBLEM STATEMENTS

1) Water consumption.
 2) Monitoring problems.
 3) Temperature & Humidity maintenance.
 4) Animals Invading.

PROBLEM SOLUTION

1) Water tanks are used for future & present
 2) Camera is used for monitoring
 3) Temperature & Humidity sensor is used for maintenance
 4) PIR sensors is used.

Step-2: Brainstorm, Idea Listing and Grouping



Step-3: Idea Prioritization



Overall Block Diagram:

