IDEATION PHASE

BRAINSTORM & IDEA PRIORITIZATION

Date	10 OCTOBER 2022
Team ID	PNT2022TMID16680
Project Name	IoT based smart crop protection system for agriculture
Maximum Marks	4 Marks

Step:1

① 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 might we protect crop from being destroyed ?

Step: 2 Brainstorm, Idea Listing & Grouping:

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The smart protection system defines that this project help to Farmer for the protection of a farm.

The IOT device is used to indicate the farmer by a message while someone enter into the farm and we are used SD card module that helps to store a specified sound to fear the animals.
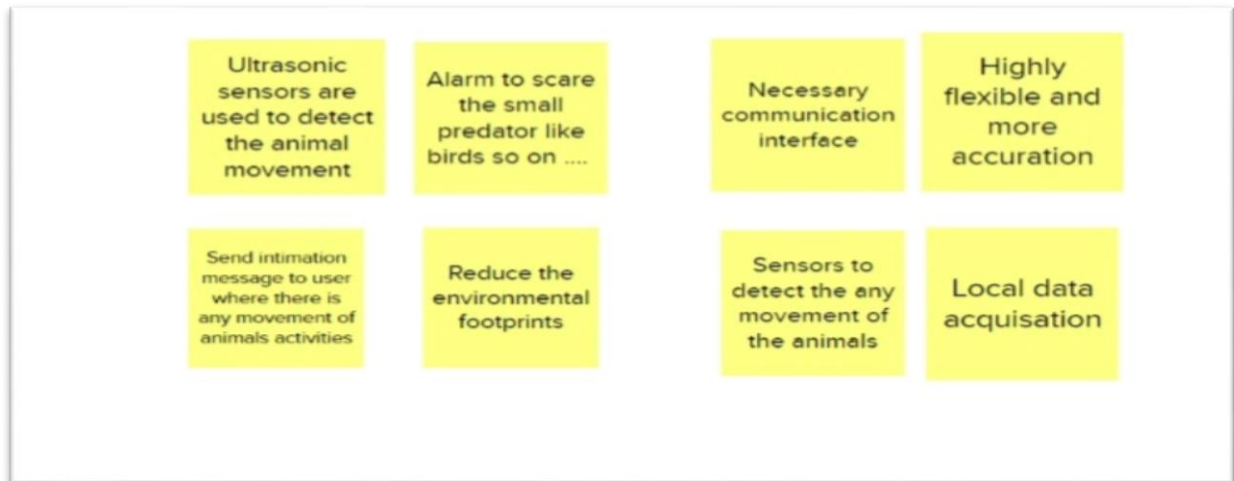
Sensors to detect if there is any disease

Realtime crop monitoring

)This whole project is work on 12V dc supply from battery. We used solar panel to charge the battery

This project contents Arduino UNO,node mcu,LCD display,Flame sensor,PIR sensor,SD card module,solar panel,solar charge converter(Boost converter).
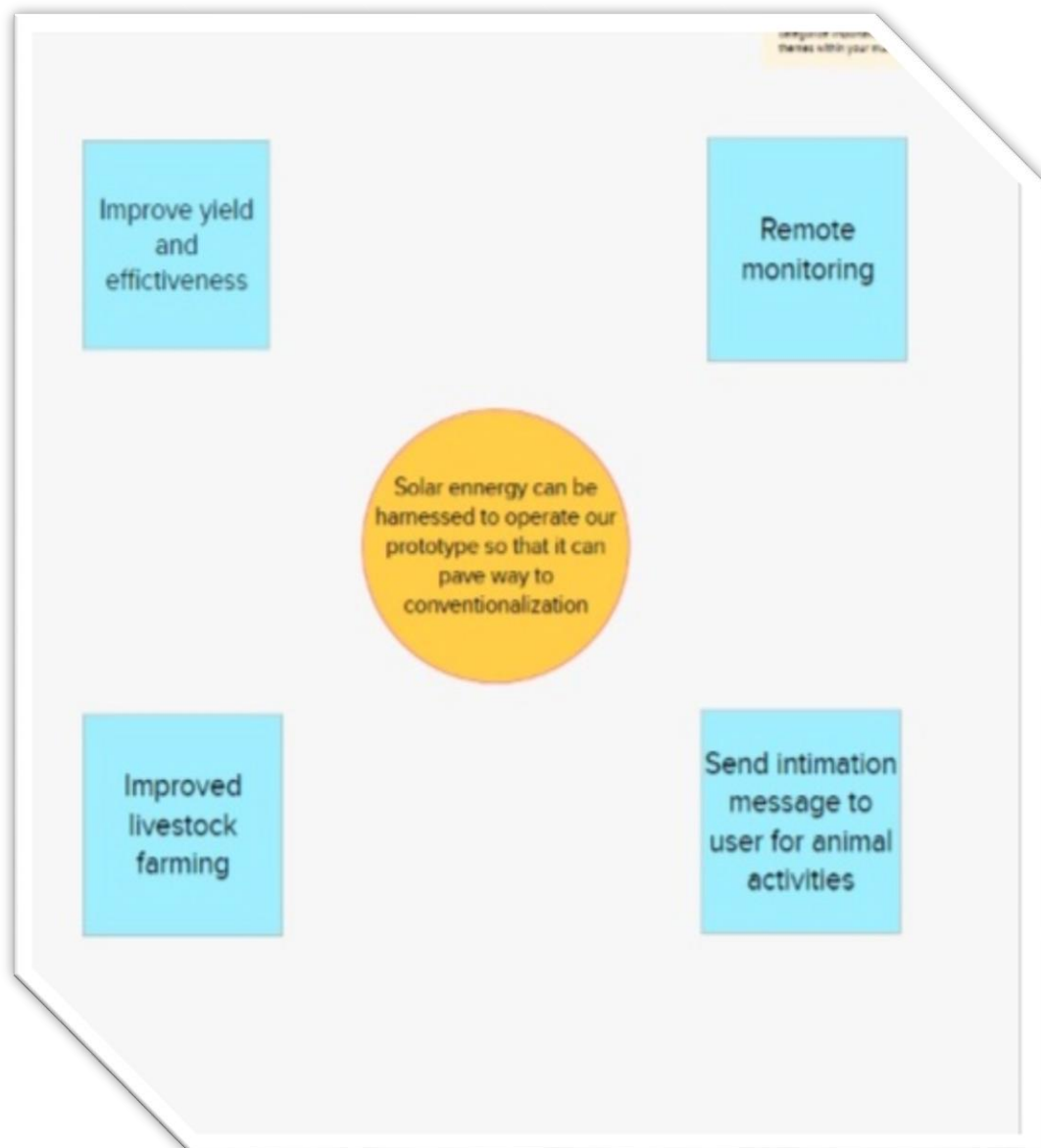
Effective accuration and adaptive

Imroved livestock farming

GROUP IDEAS:

Step:3

IDEA PRIORITIZATION: