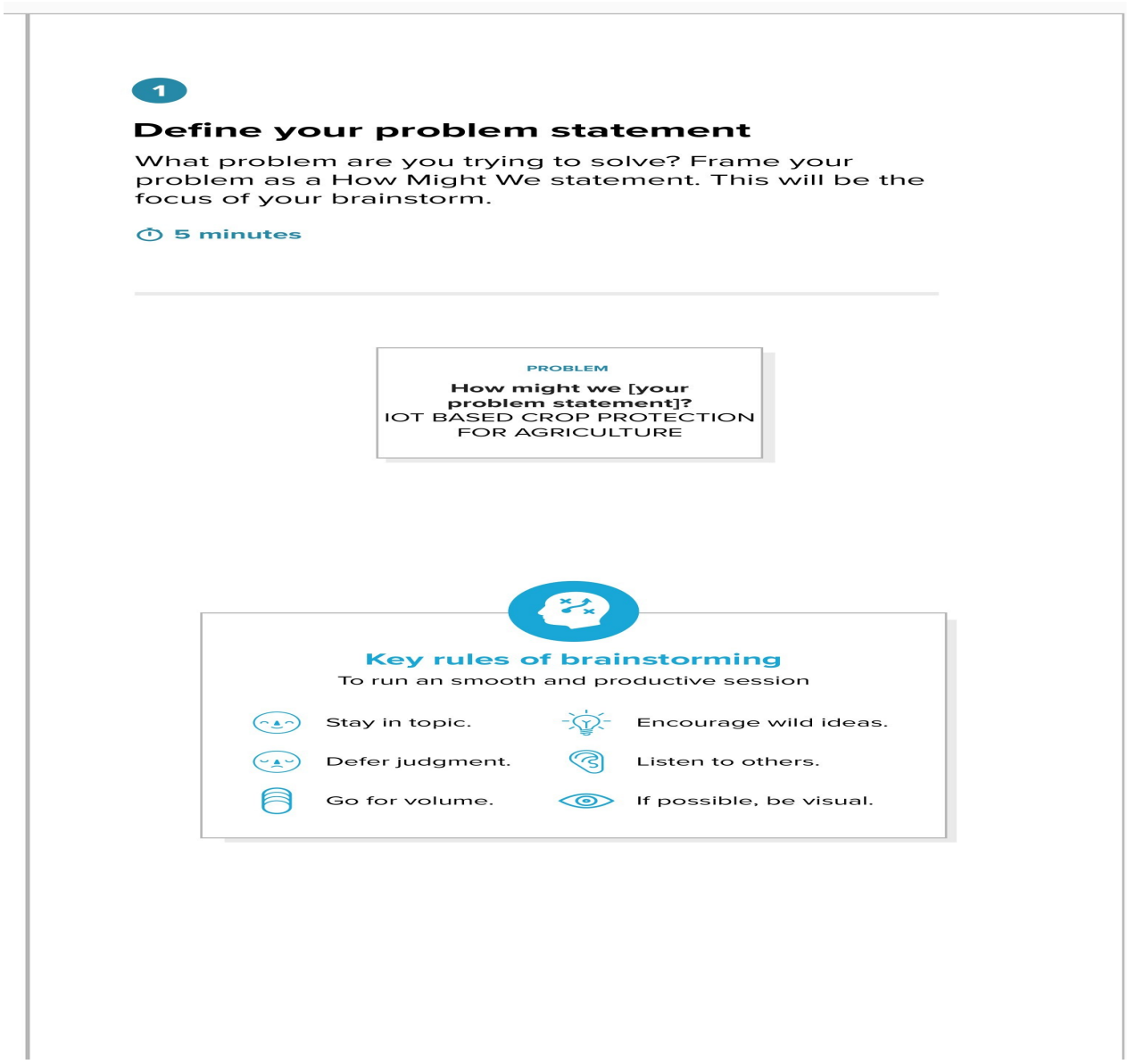
Ideation Phase
Brainstorm & Idea Prioritization

Date	21 October 2022
Team ID	PNT2022MID23804
Project Name	IoT Based Crop Protection System For Agriculture
Maximum Marks	4 Marks

Defining problem statement



Brainstorm

2

Brainstorm

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

10 minutes

TIP

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

DEVA DHARSHINI E

- Crop protection from wild animals as well as from human beings.
- To protect the farm from the theft in the farm.
- This project works on battery so that it can be aesily portable.
- Used to indicate the status of the farms by a message.

BOOMIKA M

- Our Project is Smart Crop Protection System using IoT.
- The aim of our project is to protect crop from animals as well as human beings.
- Here we are using Arduino UNO, Nodemcu,LCD display,PIR sensor, SD card module,Flame sensor,solar panel,solar charge converters.
- This whole project is work on 12v dc power supply.
- We used solar panel to charge battery.

DEEPHA M

- Nodemcu-to send the alert message.
- LCD-yo show the status as well as sensor output.
- Flame sensor-to detect fire.
- PIR sensor-to detect motion.

JYOTHINAGARAM SHALINI

- Arduino uno-helps to process the sensor data.
- Solar panel-for renewable energy resource.
- Boost converter-to provide constant voltage and curent.
- SD card module-to store a specified sound to fear the animals.

Person 5

Person 6

Person 7

Person 8

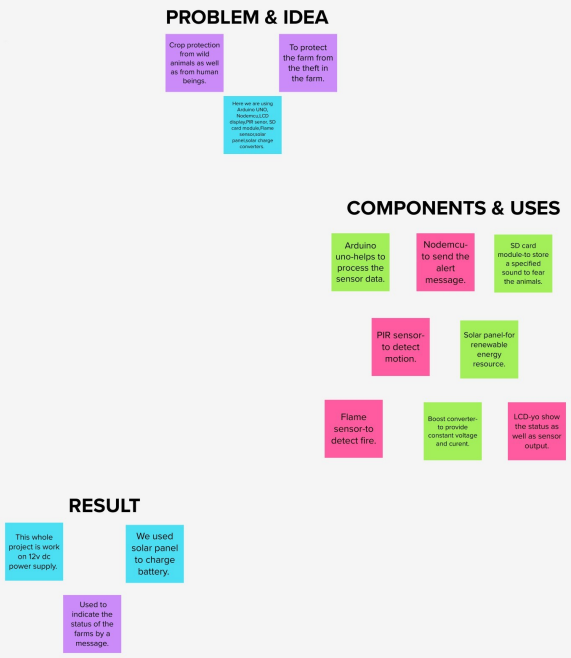
Group ideas

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



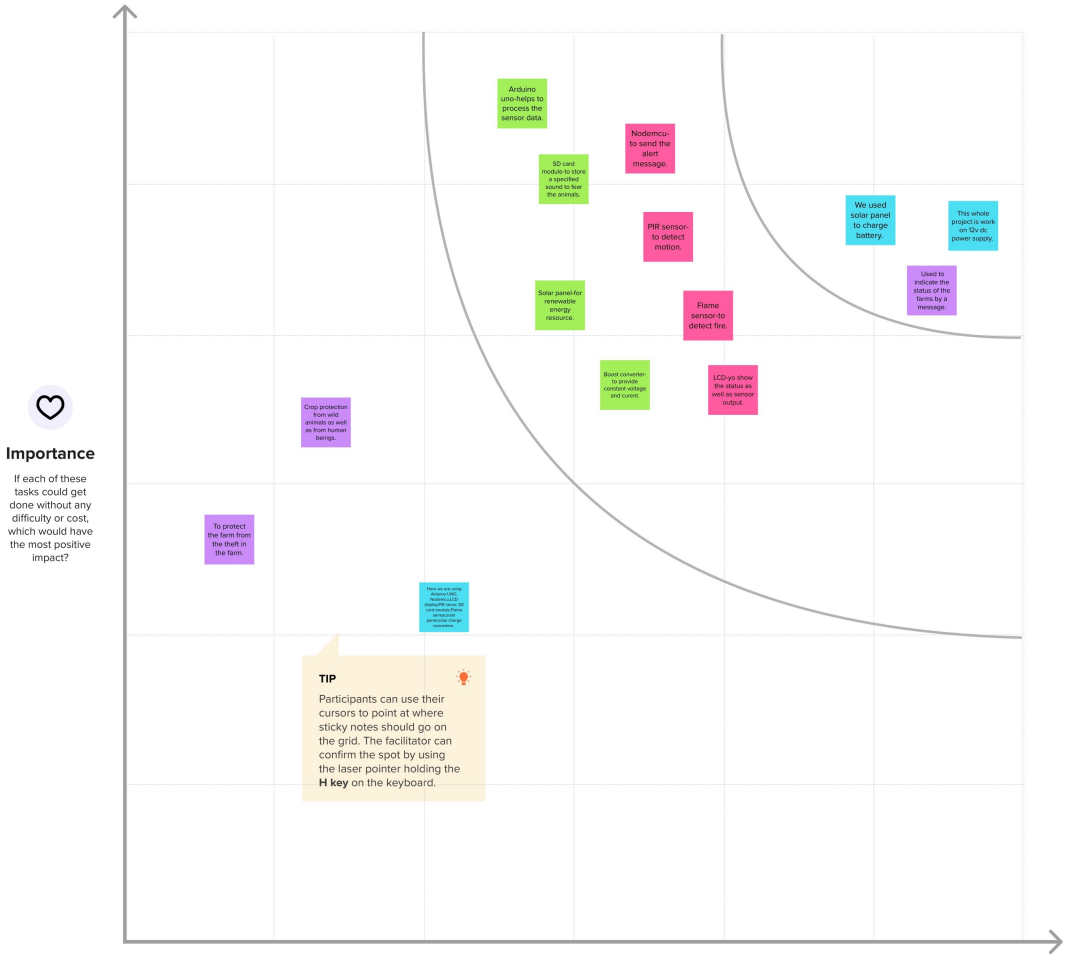
TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

Prioritization

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