Ideation Phase

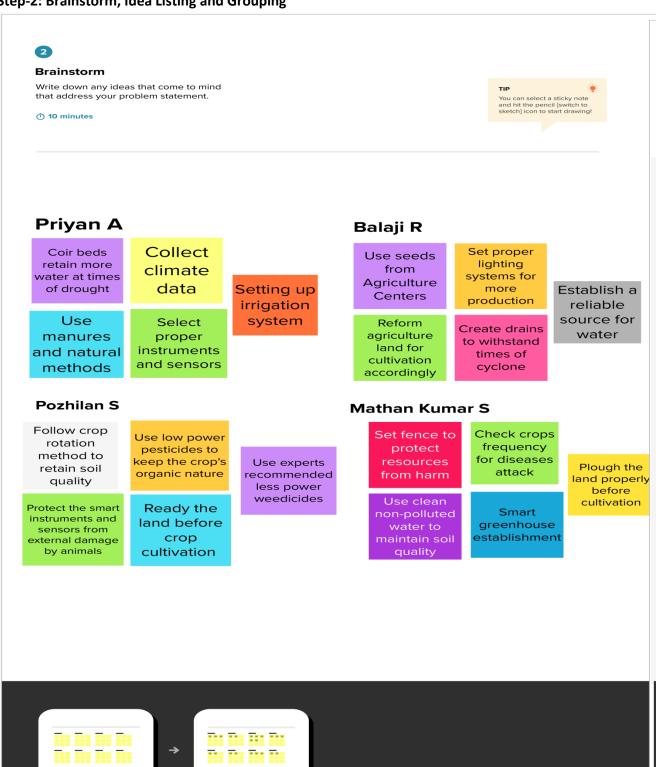
Brainstorm & Idea Prioritization Template

Date	03/11/2022
Team ID	PNT2022TMID27262
Project Name	IOT Enabled Smart Farming Application

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



Step-2: Brainstorm, Idea Listing and Grouping





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.

Use clean

non-polluted

water to

maintain soil

quality

① 20 minutes

Soil

Follow crop rotation method to retain soil quality

Reform agriculture land for cultivation accordingly

Water Irrigation

Coir beds retain more water at times of drought

Setting up irrigation system

Establish a reliable source for water

Create drains to withstand times of cyclone

Set proper

lighting

systems for

more

production

Safety measures

Collect climate data

Protect the smart instruments and sensors from external damage by animals Set fence to protect resources from harm

Check crops frequency for diseases attack

Good Yield

Plough the land properly before cultivation

Smart greenhouse establishment manures and natural methods

Use low power pesticides to keep the crop's

organic nature

Use experts recommended less power weedicides

Organic Nature Use



step-3: Idea Prioritization

