Ideation Phase
Brainstorm&Idea Prioritization

Date	19 September 2022
Team ID	PNT2022TMID10712
Project Name	Exploratory Analysis Of Rainfall Data In India For Agriculture
Maximum Marks	4 Marks

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

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

🕐 10 minutes

Thirulogachander

Stop Deforestation	Subdivision of Rainfall	Crop Detection
Climate Prediction	Pesticides used for crop feild	

Siva sankar

Increase In Farmland Agriculture	Prevention Of Soil Erosion From Deforestation	Prevention Of Drought
Describing Data Of Annual Rainfall	Soil Testing	

Venkatakrishinan

Flood can be Predicted	Availability of Drinking Water	Prevent Food Shortage
Check Water levels	Best Crop serves best in Crop Production	

Vijayaragavan

Land Preference	Whether the Crop is able to survive	Planting of Best crop Sustainable place
Soil Quality Testing	Check the Water PH level	

Vishnupriyan

Plant Root prevent Soil Erosion	Resistant Plant for Drought	Fibrous root system of Plant
Maintaining Plant Cover		

3

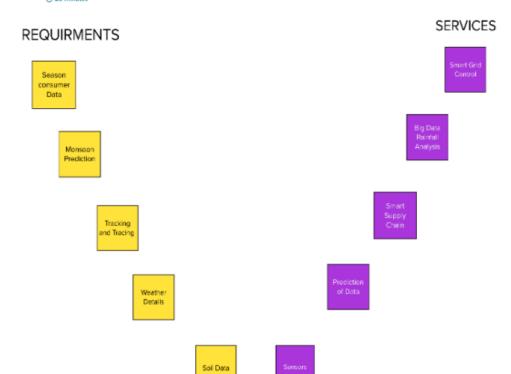**Group ideas**

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

REQUIRMENTS

Season consumer Data

Monsoon Prediction

Tracking and Tracing

Weather Details

Soil Data

SERVICES

Smart Grid Control

Big Data Rainfall Analysis

Smart Supply Chain

Prediction of Data

Sensors

SOLUTIONS

Farmers and Government should be more consious about the unpredictable change that will happen

Improving quality of rural life.

Generating employment opportunities.

Data Preparation and Cleaning

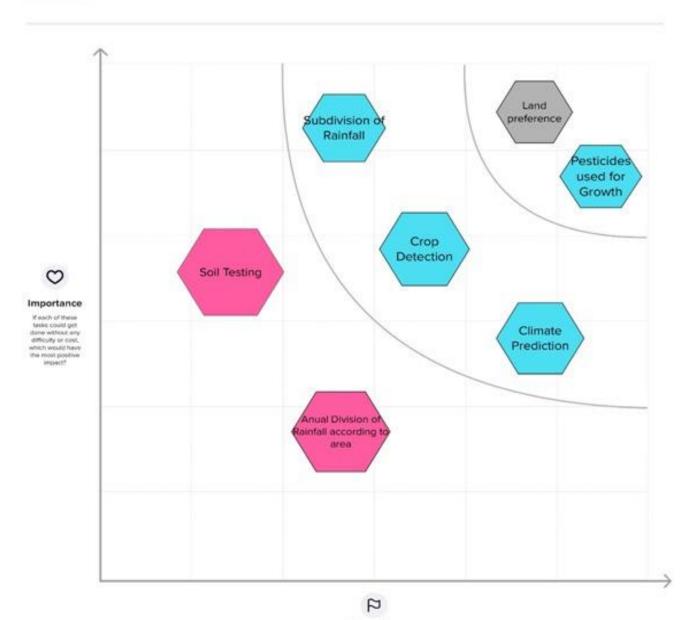Developing agri-infrastructure. ...

Step-3: Idea 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

♡

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

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Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)