


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



Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

- 🕒 10 minutes to prepare
- 🕒 1 hour to collaborate
- 👤 2-8 people recommended

➔

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

🕒 10 minutes

A Team gathering
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

B Set the goal
Think about the problem you'll be focusing on solving in the brainstorming session.

C Learn how to use the facilitation tools
Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) ➔

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 [your problem statement]?



Key rules of brainstorming

To run an smooth and productive session

➕ Stay in topic.

💡 Encourage wild ideas.

⏸️ Defer judgment.

👂 Listen to others.

🗣️ Go for volume.

👁️ If possible, be visual.

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 field	

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 can break it up into smaller sub-groups.

⌚ 20 minutes

REQUIRMENTS

Season
consumer
Data

Monsoon
Prediction

Tracking
and Tracing

Weather
Details

Soil Data

Sensors

SERVICES

Smart Grid
Control

Big Data
Rental
Analysis

Smart
Supply
Chain

Prediction
of Data

SOLUTIONS

Farmers and
Government
should be more
conscious 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

