

# Ideation Phase


## Brainstorm & Idea Prioritization Template

Date	19 October 2022
Team ID	PNT202022TMID35159
Project Name	Efficient Water Quality Analysis and Prediction using Machine Learning
Maximum Marks	4 Marks

### Brainstorm & Idea Prioritization Template:

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

Template



## 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

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➔

**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

Establishing the safe drinking water sources in the future and identifying all the essential requirements for the analysis process.



### Key rules of brainstorming

To run a 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

TIP

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

Joan Sharon N

Measuring water  
Comparing  
water flow  
and sources

Checking  
all weather  
systems

Checking  
temperature  
the water

Renisha Magdalene N

Measuring  
water  
flow  
and  
sources

Comparing  
water  
flow  
and  
sources

Comparing  
water  
flow  
and  
sources

Priyadharsini CN

Measuring  
water  
flow  
and  
sources

Comparing  
water  
flow  
and  
sources

Comparing  
water  
flow  
and  
sources

Rubina Angel D

Measuring  
water  
flow  
and  
sources

Comparing  
water  
flow  
and  
sources

Comparing  
water  
flow  
and  
sources

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

Determination  
of the correct  
measurable  
objectives of  
water content

Proving all  
the essentials  
of the quality  
content is  
established

Determination of  
the instruments  
and identification  
of the common  
pollutant factors

TIP

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

## 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

