

## **Ideation Phase**

### **Brainstorm & Idea Prioritization Template**


Date	19 September 2022
Team ID	PNT2022TMID21972
Project Name	Project- Efficient Water Quality Analysis and Prediction using Machine Learning
Maximum Marks	4 Marks

#### **Brainstorm & Idea Prioritization Template:**

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich number of creative solutions.

## 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

➔

**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**

1

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

2

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

3

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

How might we [your problem statement]?

We want to create a hardware that is portable for testing water quality.

warranty for long time

By adopting this method, we can make use of water without wasting excess water

Key rules of brainstorming

To run an smooth and productive session

Stay in topic.

Defor judgment.

Go for volume.

Encourage wild ideas.

Listen to others.

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 icon to edit it or to start drawing.



3

### Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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

#### TIP

Add subheadings back to sticky notes to make it easier to find. However, only do this if you are sure the subheading is relevant to the topic.



### Step-3: Idea Prioritization

