

Ideation Phase

Brainstorm & Idea Prioritization

Team ID	PNT2022TMID15978
Project Name	Efficient Water Quality Analysis and Prediction using Machine Learning

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

📄 Share template feedback

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 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

TIP

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

Joan Sharon N

Measuring colour	Comparing Several Water Tests and Sources
Checking All Filtered Systems	Checking Softness of the Water

Renisha Magdalene N

Mineralization process	Purchasing Correct Water Testing Kits
State Sample Source	Collecting Additional Sample

Priyadharsini CN

Determination of Total Water Solids	Determining Residual Chlorine Factor of Water
Identification of common Pollutants	Prioritizing More Water Testing Kits

Rubina Angel D

Chemical Composition	Test Kits Selection
Cleaner Disinfectants	Determining Hardness Instruments

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

TIP

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

Determination of the instruments and identification of the common pollutant factors

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

