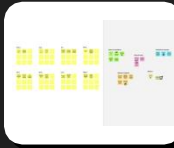# Brainstorm & idea prioritization

This project is all about finding the level of purity of the water. This is used to indicate the purity level of water that is scanned and tells whether it is fit for use or not.

- ⏱ **10 minutes** to prepare
- ⏲ **1 hour** to collaborate
- 👥 **2–8 people** recommended

Share template feedback

Need some inspiration?
See a finished version of this template to kickstart your work.

Open example →

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

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

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

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

Open article →

PROBLEM STATEMENTS...

PROBLEM
How to determine the quality of the water?

PROBLEM
How can we choose the best algorithm that can be choosed to predict the quality?

PROBLEM
How to know whether the water in that area is fit for use or not?

PROBLEM
How might we choose the various factors or variables?

K. SANJANA

- simple property that tells whether to determine water is polluted or not.
- To determine water quality, measure and analyze the water characteristics
- Determining the temperature of water
- To determine dissolved mineral content in the particular water
- To determine the number of bacteria in the particular water
- To determine Alkalinity and color of the particular water

MURTHIMAA

- complexity of water quality as a subject is reflected in the many types of measurements of water quality indicators
- physical or chemical testing can be done by several methods, depending on the accuracy needed and the characteristics of the contaminant.
- simplest methods of chemical analysis are those measuring chemical elements without respect to their form
- Alkalinity is measured by titrating the solution with an acid such as HCl until its pH changes abruptly, or it reaches a known endpoint where that happens
- Relatively small quantities of water appear to be colorless, pure water has a slight turquoise color
- To determine the quality of water, including Secchi disks (measure water clarity), probes, nets, gauges and meters

ANJANI

- To determine Potential of Hydrogen, Taste and odor of the water
- To determine Dissolved metals and salts (sodium, chloride, potassium, calcium, manganese, magnesium)
- To determine Dissolved metals and metalloids (lead, mercury, arsenic, etc..in the water
- To determine the Specific conductance or electrical conductance (EC) or conductivity in the water
- To determine the Total suspended solids (TSS) in the water
- To measure water transparency or turbidity in bodies of water

SAROJINI

- water quality refers to the chemical, biological and physical characteristics of water as per the standard of requirements for its use.
- most commonly quality check is run for human consumption as potable water
- To check the quality multiple chemical tests are run on the sample of water to examine several indicators of water quality
- These indicators check the health of water, degree of pollution, fitness for human consumption
- The indicators of water quality are temperature, dissolved oxygen, pH, total dissolved solids, sediments, nutrients, metals, industrial chemicals, hydrocarbons
- To perform a test for water. Some tests are: Bacteria testing (for E. coli bacteria), Mineral testing, pH testing, etc..

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.
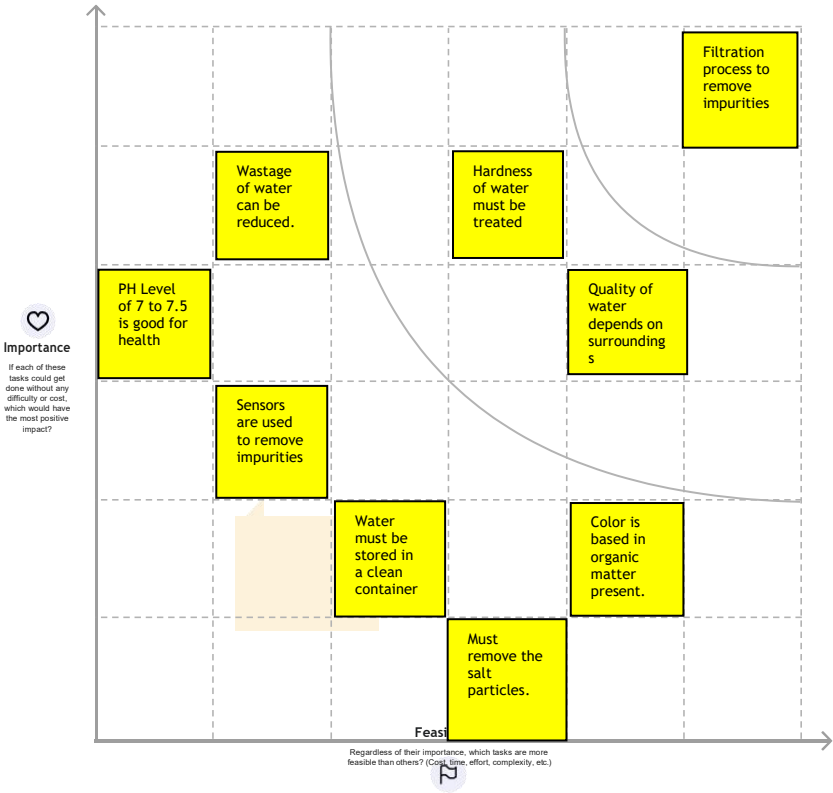
🕐 20 minutes

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

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?

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

Sticky notes on grid:
- Filtration process to remove impurities
- Wastage of water can be reduced.
- Hardness of water must be treated
- PH Level of 7 to 7.5 is good for health
- Quality of water depends on surroundings
- Sensors are used to remove impurities
- Water must be stored in a clean container
- Color is based in organic matter present.
- Must remove the salt particles.

After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

Share the mural
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

Export the mural
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

Strategy blueprint
Define the components of a new idea or strategy.
Open the template →

Customer experience journey map
Understand customer needs, motivations, and obstacles for an experience.
Open the template →

Strengths, weaknesses, opportunities & threats
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.
Open the template →

Share template feedback