

Ideation Phase

Brainstroms and idea prioritization

Date	30 September 2022
Team ID	PNT2022TMID04228
Project Name	Project - Real-Time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization :

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 amount of creative solutions. 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.



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



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](#) →

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.

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 sketch (or to start drawing!)

A.Vijay

Much Facilitated	Cost Efficient
Profitable	Operated through Online itself

S.Varsha

Eco friendly.	Doesnt require much experience to use.
Low power consumption	An powerful equipement that provies clean river water

P.Veerasekar

Continuous monitoring achived through Web UI	Quick access through the interface
All requirements stored through an external SD card	Results monitored via cloud service

M.Vignesh

Gives accurate VALUES	Boosts confidance among people using River source.
Sensors used to detect water quality.	Has Great user interface and is trustworthy to use.



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

Technology

IoT uses its potential to develop solutions to many physical and cognitive problems with river water to promote a safe river water consumption and facilitate life on a daily basis.

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as they're added to your mural.

Quality Management of Water

Monitoring and control over River water helps prevent the presence and intake of polluted water with hazardous chemicals, thereby improving people's health and life.

Model Analogy

Careful analysis is taken to develop a high performance river water monitoring technology which is trained with a perfect platform. It's trustworthy and safe.

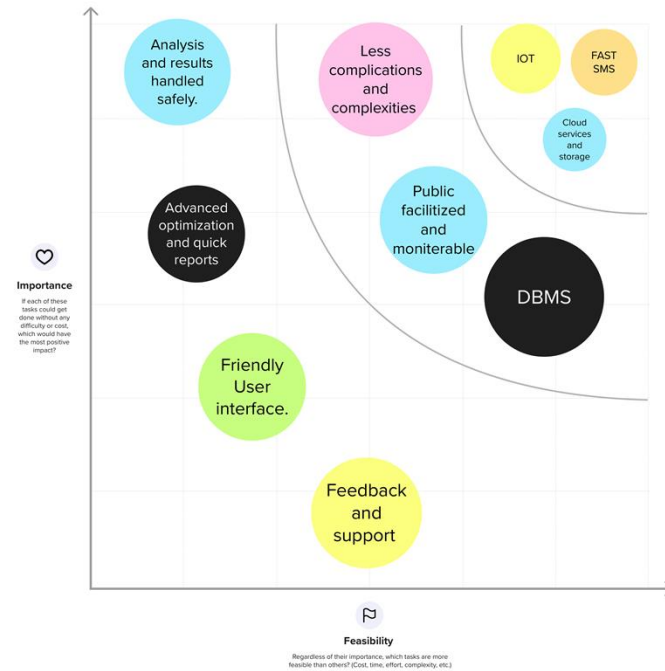


4

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





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 →](#)



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