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 template. 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 in the brainstorming session.

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

Open article →

MEMBERS OF THE IDEATION PROCESS:
TEAM ID : PTN2022TMID16162
TEAM LEAD   :SANGAVI N
TEAM MEM 1:S A K T H I P R I Y A   B
TEAM MEM 2:RAVILLA NISHA
TEAM MEM3:PREETHA S
TEAM MEM4:HARSHAVARTHINI R

TODAY'S DISCUSSION TOPIC:
Ideas for monitoring and solving the contaminated river water near agriculture fields

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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.
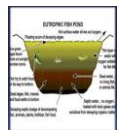
⏱ 5 minutes

PROBLEM STATEMENT

Farmers put fertilizers and pesticides on their crop so that they grow better but these fertilizers and pesticides can be washed through the soil by rain to end up in the rivers

If the large amount of fertilizers or the farm waste drain into river the concentration of nitrate and phosphate in the water increases considerably algae
uses these substances to grow and rapidly rapidly turning the water green

The massive growth of algae called Eutrophication,that leads to pollution.When the algae die they broken down by the action of bacteria which quickly multiply using up all the oxygen in the water which leads to the death of many animal
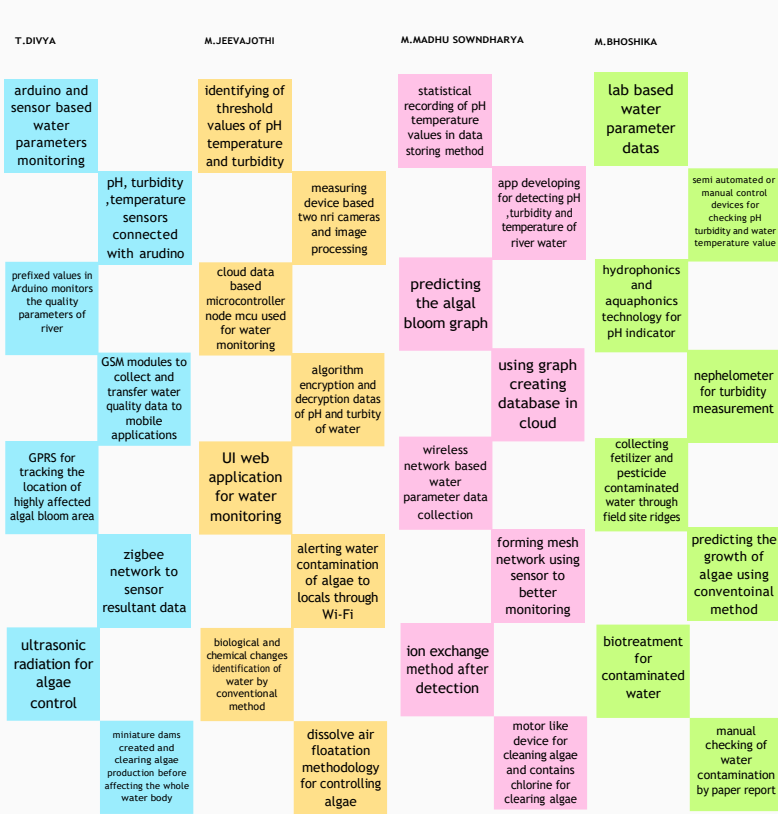
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② Brainstorm

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!

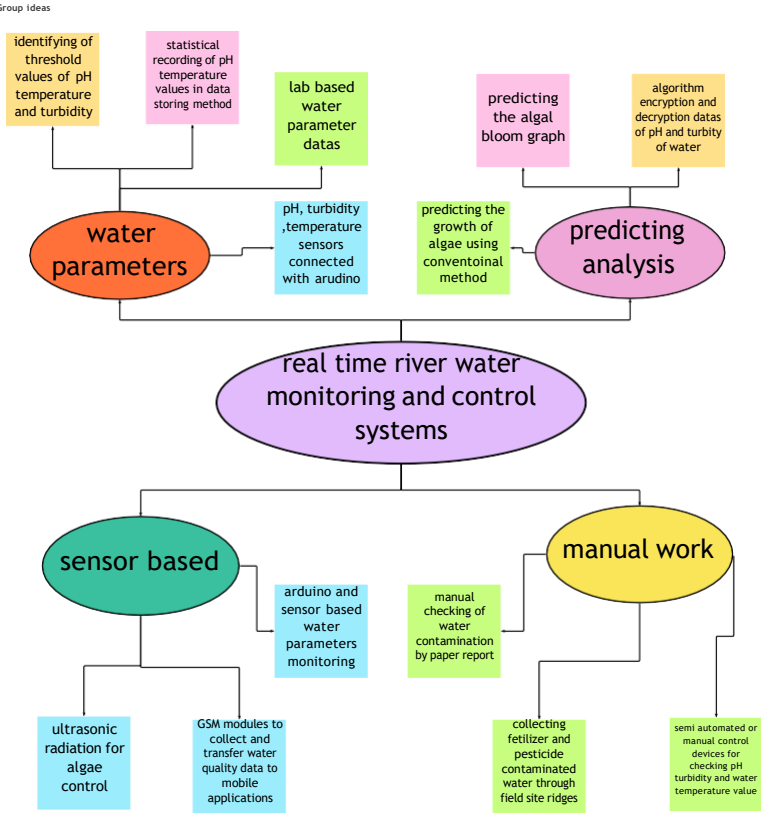| T.DIVYA	M.JEEVAJOTHI	M.MADHU SOWNDHARYA	M.BHOSHIKA
arduino and sensor based water parameters monitoring	identifying of threshold values of pH temperature and turbidity	statistical recording of pH temperature values in data storing method	lab based water parameter datas
pH, turbidity ,temperature sensors connected with arudino	measuring device based two nrl cameras and image processing	app developing for detecting pH ,turbidity and temperature of river water	semi automated or manual control devices for checking pH turbidity and water temperature value
prefixed values in Arduino monitors the quality parameters of river	cloud data based microcontroller node mcu used for water monitoring	predicting the algal bloom graph	hydrophonics and aquaphonics technology for pH indicator
GSM modules to collect and transfer water quality data to mobile applications	algorithm encryption and decryption datas of pH and turbity of water	using graph creating database in cloud	nephelometer for turbidity measurement
GPRS for tracking the location of highly affected algal bloom area	UI web application for water monitoring	wireless network based water parameter data collection	collecting fertilizer and pesticide contaminated water through field site ridges
zigbee network to sensor resultant data	alerting water contamination of algae to locals through Wi-Fi	forming mesh network using sensor to better monitoring	predicting the growth of algae using conventional method
ultrasonic radiation for algae control	biological and chemical changes identification of water by conventional method	Ion exchange method after detection	biotreatment for contaminated water
miniature dams created and clearing algae production before affecting the whole water body	dissolve air floatation methodology for controlling algae	motor like device for cleaning algae and contains chlorine for clearing algae	manual checking of water contamination by paper report

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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 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.
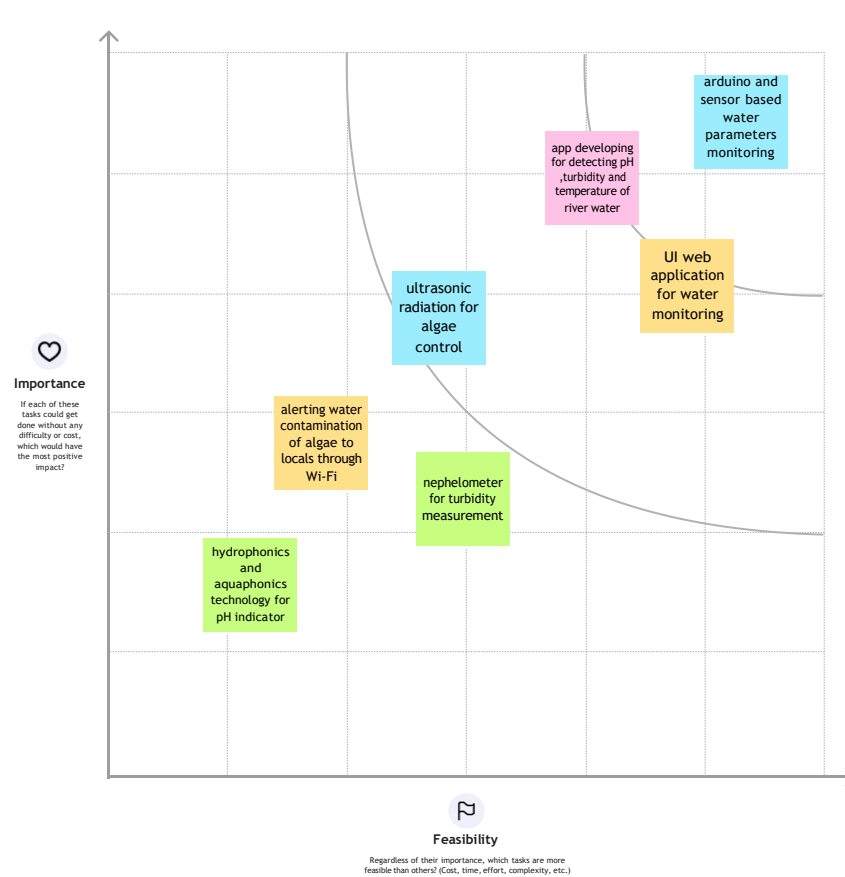
Group ideas

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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

TIP
Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.

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.)

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