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 vou collaborate

₼ 10 minutes

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

Team gathering Define who should participate in the session and send an

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

invite. Share relevant information or pre-work ahead.

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

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MEMBERS OF THE IDEATION PROCESS:

TEAM ID: PTN2022TMID17260 TEAM LEADER : kiruthika s

TEAM MEMBER 1: kiruba T TEAM MEMBER 2: Dhivya R

TEAM MEMBER 3: Madhumitha S

TEAM MEMBER 4: Monika T

TODAY'S DISCUSSION TOPIC: Project – IoT based Real

time river water quality Monitoring and Control System

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



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 multiply 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



Brainstorm

Write down any ideas that come to mind that address your problem statement.

M.JEEVAJOTHI

identifying o

threshold

values of pH

temperature

and turbidity

microcontroller

node mcu used for water

monitoring

application

for water

chemical changes

identification of

water by

conventional

created and

clearing algae

production before

affecting the whole

water body

method

device based

two nri cameras

and image

processing

encryption and

decryption datas

of pH and turbity

of water

of algae to

locals through

floatation

methodology

for controlling

algae

→ 10 minutes

T.DIVYA

tracking the

location of

highly affected

algal bloom area

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

M.BHOSHIKA

water

fetilizer and

contaminated

water through

water

pesticide

M.MADHU SOWNDHARYA

statistical

recording of pH

temperature

values in data

storing method

network based

water

parameter data

method after

app developing

for detecting pH

,turbidity and

temperature of

using graph

creating

network using

sensor to

device for

cleaning algae

and contains

chlorine for

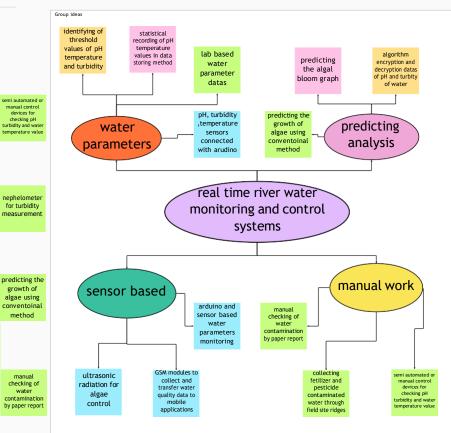
clearing algae

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.

① 20 minutes

Add customizable tags to sticky categorize important ideas as

notes to make it easier to find, browse, organize, and 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

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.

app developing

Ouick 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. arduino and sensor based water Export the mural Export a copy of the mural as a PNG or PDF to attach to parameters emails, include in slides, or save in your drive.

Keep moving forward

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.

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

Open the template \

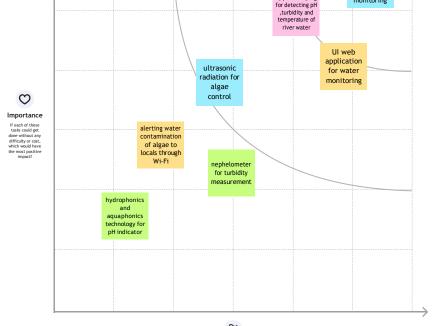
Customer experience journey map Understand customer needs, motivations, and obstacles for an experience.

Open the template ,

Strengths, weaknesses, opportunities & threats Identify strengths, weaknesses, opportunities,

and threats (SWOT) to develop a plan. Open the template _

Share template feedback



Feasibility

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

Share template feedback