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

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

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

B 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

MEMBERS OF THE IDEATION PROCESS:

TEAM ID: PNT2022TMID31051 TEAM LEADER: V. JAYASHREE TEAM MEMBER 1:S.JEEVITHA TEAM MEMBER 2:P.ADHINA TEAM MEMBER 3:A.KALAIVANI

TODAY'S DISCUSSION TOPIC:

Ideas for monitoring and solving the contaminated river water near agriculture fields

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

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

sensor based

water

parameters

Arduino monitors

the quality

parameters of

tracking the

location of

highly affected

radiation for

algae

affecting the whole

(†) 10 minutes

values of pH

temperature

and turbidity

water

datas

network based

water

parameter data

collection

ion exchange

method after

detection

,turbidity and

temperature of

creating

network using

sensor to

better

device for

cleaning algae

and contains

chlorine for

device based

two nri cameras

and image

processing

encryption and

decryption datas

of pH and turbity

contamination

locals through

methodology

for controlling

of algae to

microcontroller

node mcu used

for water

application

for water

monitoring

chemical changes

identification of

water by

conventional

monitoring

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

recording of pH

temperature

values in data

storing method

hydrophonics

aguaphonics

pH indicator

fetilizer and

pesticide

contaminated

water through

field site ridges

biotreatment

for

contaminated

water

technology for

semi automated or manual control

devices for

checking pH

turbidity and water

temperature value

nephelometer

measurement

checking of

water

contamination

for turbidity

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

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

Group ideas

identifying o threshold values of pH temperature and turbidity

water

parameters

statistical recording of pH temperature values in data storing method

lab based water parameter datas

algorithm predicting encryption and the algal decryption datas of pH and turbity bloom graph of water

predicting

analysis

manual work

Add customizable tags to sticky

categorize important ideas as themes within your mural.

browse, organize, and

pH, turbidity

,temperature sensors connected with arudino predicting the growth of algae using conventoinal method

real time river water monitoring and control systems

sensor based

ultrasonic radiation for algae control

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.

Importance

If each of these

tasks could get

done without any difficulty or cost.

which would have

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 th

app developing

for detecting pH

turbidity and

temperature of river water

water parameters monitoring

GSM modules tocollect and transfer water quality data to mobile applications

contamination

of algae to

locals through

Wi-Fi

aquaphonics

pH indicator

technology fo

H key on the keyboard.

arduino and

sensor based

water

parameters

monitoring

application

for water

monitoring

Quick add-ons

After you collaborate

Share the mural Share a view link to the mural with stakeholders to keep

them in the loop about the outcomes of the session.

You can export the mural as an image or pdf to share with

members of your company who might find it helpful.

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

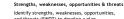
Define the components of a new idea or strategy.

Open the template

Customer experience journey man

Understand customer needs, motivations, and obstacles for an experience.

Open the template



Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.

Open the template

Share template feedback

collecting fetilizer and pesticide contaminated water through field site ridges

manual checking of water contamination by paper report

