QUALITY MONITORING

Water is a limited asset that is essential for farming, industry and the endurance of every single living thing in the world, including people. Numerous unregulated strategies squander more water. Unfortunate water portion, wasteful utilization, absence of able and incorporated water the executives are factors that add to this issue.

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.

A   **Meeting gathering**

The meeting is to make sure everyone involved understands how a project is coming along

B   **Goal setup:**

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

C   **Learn how to use the facilitation tools**

Use the Facilitation Superpowers to run a happy and productive session.

Define your problem statement

Sometimes the water has dangerous particles or chemical mixed and general purpose water purifier cannot purify that. And it's impossible to check the quality of water manually in every time. So an automatic real-time monitoring system is required to monitor the health of the water reserved in our water tank of the society or apartment

PROBLEM

Due to the fast growing urbanization supply of safe drinking water is a challenge for the every city authority. Water can be polluted any time.

Still in India most of the people use simple water purifier that is not enough to get surety of pure water.

Key rules of brainstorming

To run a smooth and productive session

Stay in topic.	Encourage wild ideas.
Defer judgment.	Listen to others.
Go for volume.	If possible, be visual.

Brainstorm

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

SANGEETHA

- Connection between controller and network
- Sample detection by turbidity and pH sensor
- Read and determine the values
- Assessing Water Quality

RAMYA

- Quantifying Treatment Cost
- Determining Reservoir Sitation rates
- Designing Infrastructure
- Maintaining Navigation Channels

SOWMIYA

- Assessing Channel Stability
- Developing best management practices
- Preventing and predicting mobilization of pollutants
- Measure Water Quality Parameters(NO3-N,DRP)

VENNILAVU

- Measure Flow rate and temperatur
- Uploading data to the controller
- Forwarding data to the Smart Phone
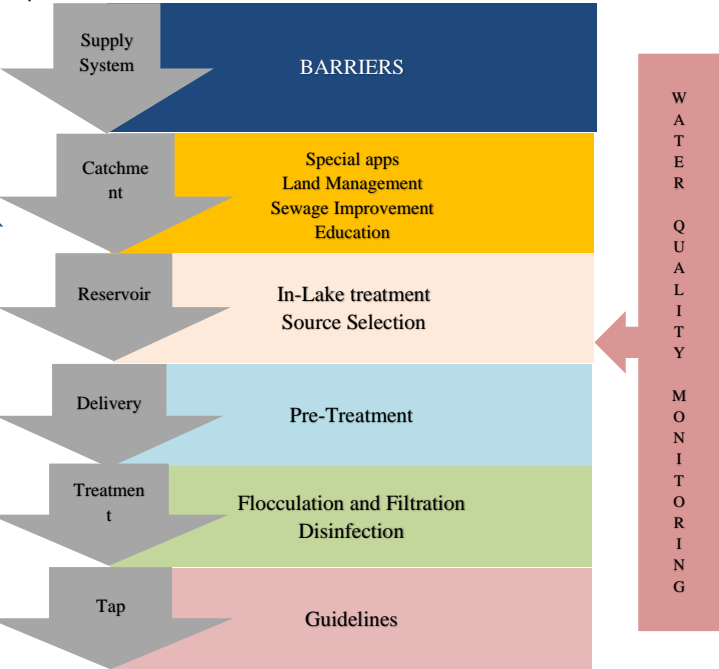- Result will be displayed on the smart phone

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.

Flowchart: Start → Connection is established → Turbidity and pH sensor detect the sample → Data is gathered and uploaded to the controller → Data is forwarded to the phone via wifi module → Is the value Obtainable? → Result displayed on the smart phone → END
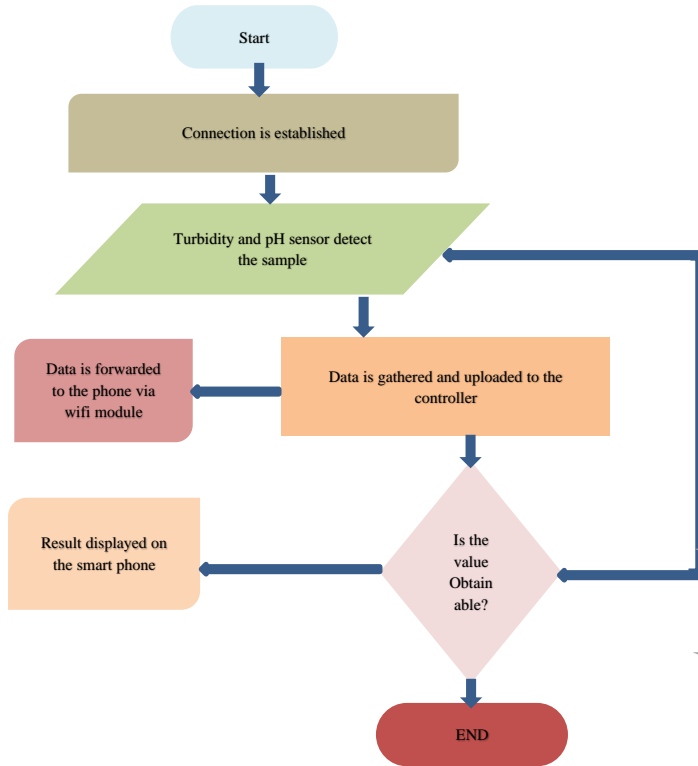
Prioritize

You can convey the wall laying out as an image or pdf to give to people from your association who could believe that it is helpful

Stage	BARRIERS
Supply System	BARRIERS
Catchment	Special apps, Land Management, Sewage Improvement, Education
Reservoir	In-Lake treatment, Source Selection
Delivery	Pre-Treatment
Treatment	Flocculation and Filtration, Disinfection
Tap	Guidelines

WATER QUALITY MONITORING

identify strengths weaknesses opportunities

After you collaborate

You can send out the wall painting as a picture or pdf to impart to individuals from your organization who could think that it is useful

Quick add-ons

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

B   **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 dr