Ideation Phase
Brainstorm & Idea Prioritization Template
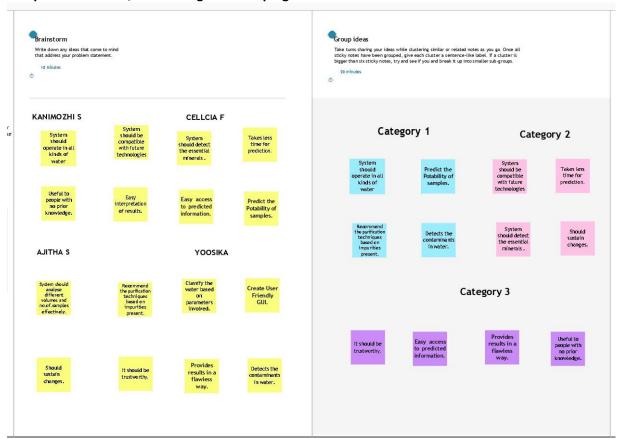
Date	12 October 2022
Team ID	PNT2022TMID45622
Project Name	Efficient water quality analysis and prediction using machine learning.
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Step-2: Brainstorm, Idea Listing and Grouping

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

10 minutes

KANIMOZHI S

- System should operate in all kinds of water
- System should be compatible with future technologies
- Useful to people with no prior knowledge.
- Easy interpretation of results.

CELLCIA F

- System should detect the essential minerals .
- Takes less time for prediction.
- Easy access to predicted information.
- Predict the Potability of samples.

AJITHA S

- System should analyse different volumes and no.of.samples effectively.
- Recommend the purification techniques based on impurities present.
- Should sustain changes.
- It should be trustworthy.

YOOSIKA

- Classify the water based on parameters involved.
- Create User Friendly GUI.
- Provides results in a flawless way.
- Detects the contaminants in water.

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.

20 minutes

Category 1
- System should operate in all kinds of water
- Predict the Potability of samples.
- Recommend the purification techniques based on impurities present.
- Detects the contaminants in water.

Category 2
- System should be compatible with future technologies
- Takes less time for prediction.
- System should detect the essential minerals .
- Should sustain changes.

Category 3
- It should be trustworthy.
- Easy access to predicted information.
- Provides results in a flawless way.
- Useful to people with no prior knowledge.

Step-3: Idea Prioritization

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

Sticky notes on grid:
- System should operate in all kinds of water
- Predict the Potability of samples.
- Takes less time for prediction.
- Recommend the purification techniques based on impurities present.
- System should be compatible with future technologies
- It should be trustworthy.
- Detects the contaminants in water.
- Should sustain changes.
- Easy access to predicted information.
- System should detect the essential minerals .
- Provides results in a flawless way.
- Useful to people with no prior knowledge.

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

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 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