Ideation Phase
Brainstorm & Idea Prioritization

Date	09 October 2022
Team ID	PNT2022TMID24172
Project Name	Essential Water Quality Analysis and Prediction using Machine learning
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem-solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich number of creative solutions.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you are not sitting in the same room.

Brainstorming steps

- **Step-1: Team Gathering, Collaboration and Select the Problem Statement**
- **Step-2: Brainstorm, Idea Listing and Grouping**
- **Step-3: Idea Prioritization**

Brainstorm & idea prioritization

We as a team has involved in a brainstorming session to come with problem statements and its solution to solve.

- 10 minutes to prepare
- 1 hour collaboration
- 8 people participated

Before collaboration

A little bit of preparation has been done for 10 minutes. Here's what we have prepared in the preparation time.

- Team gathering
  - Defined who should participate in the session
  - The team members have joined the Google meet
  - The tools for collaboration is sent by Team lead
- Set the goal
  - A proper explanation on what, why and how we will do brainstorming was given by the team lead
  - Convinced the problem we plan to concentrate on solving throughout the brainstorming session
- Learn how to use the facilitation tools
  - Use the facilitation & equipment to run a happy and productive session

Define your problem statement

The problem we are trying to solve is Water Quality Analysis. This will be the focus of our brainstorm.

PROBLEM
ESSENTIAL WATER QUALITY DETECTION AND PREDICTION USING MACHINE LEARNING

Key rules of brainstorming

Need for Water Quality Analysis

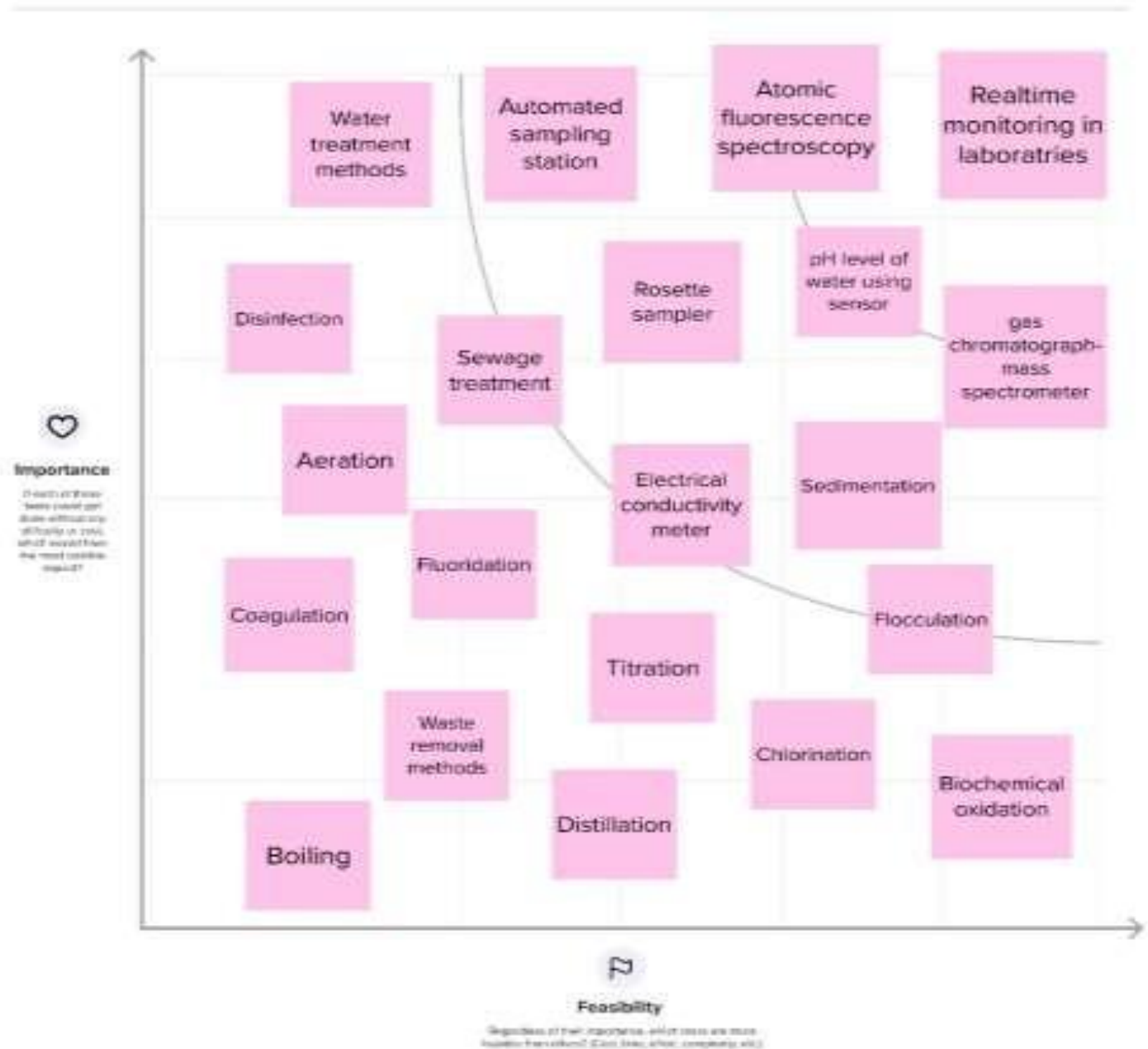**Step-2: Brainstorm, Idea Listing and Grouping**

Step-3: Idea Prioritization

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Prioritize

We have prioritized the ideas based on importance

⏱ 20 minutes

OVERALL BRAINSTORMING AND IDEA PRIORITIZATION