



# **NALAYATHIRAN**

**TEAM NAME : War of Tech**

**TEAM ID : PNT2022TMID49498**

# **PROBLEM STATEMENT**

## **(IOT Based Real Time River Water Quality Monitoring and Control System)**

- Current water quality monitoring system is a manual with a monotonous process and is very time consuming.
- Real time data access can be done by using remote monitoring and IOT technology.
- Proposed paper is to obtain the water monitoring system with high frequency, high mobility and low powered.

LOVE • KNOWLEDGE • WISDOM

# Big Idea

3  
Dam is not available using RC boat

1  
Measuring of acidity/alkalinity of a solution by PH meter

camera monitoring

4  
Measuring of the temperature (Chemicals)

Tintometer is a device to check color in water

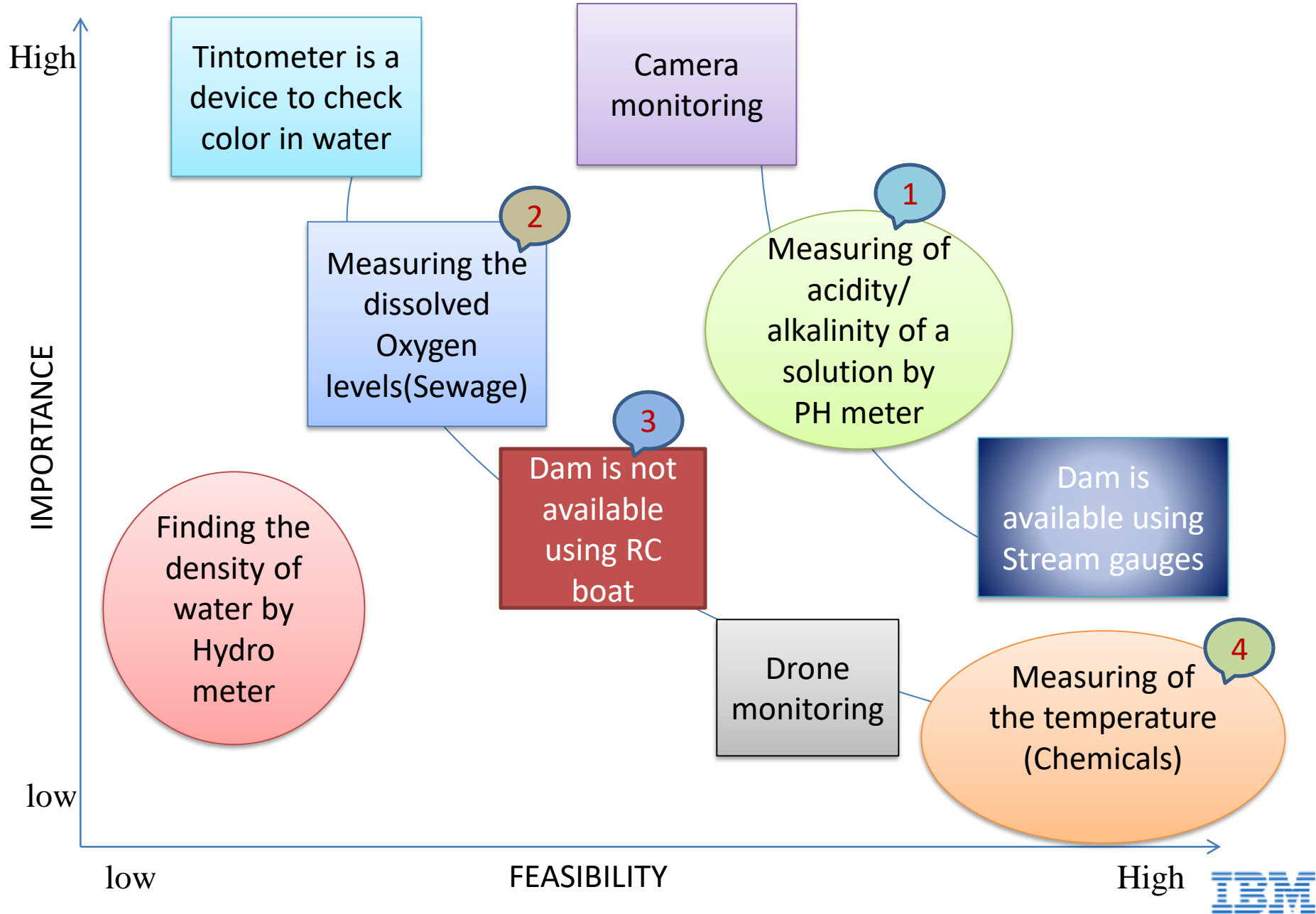
2  
Measuring the dissolved Oxygen levels (Sewage)

Dam is available using Stream gauges

Drone monitoring

Finding the density of water by Hydrometer

# Idea Prioritization



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**THANK YOU**