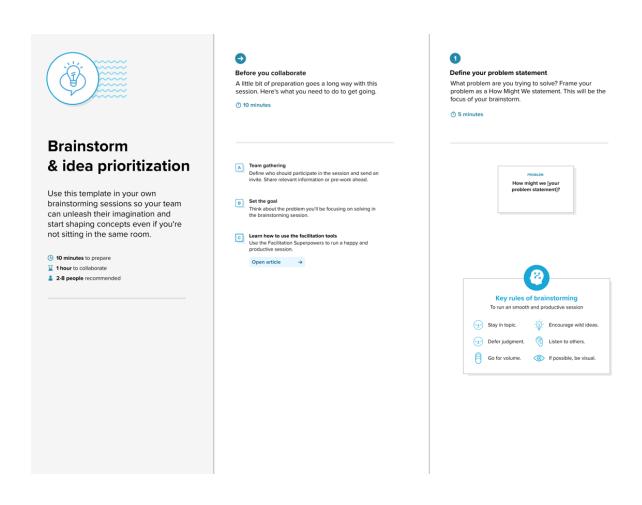
# Ideation Phase Brainstorm & Idea Prioritization Template

Date	29 Oct. 2022
Team ID	PNT2022TMID43379
Project Name	Real-Time River Water Quality Monitoring and
	Control System Using IOT
Maximum Marks	4 Marks

#### **Brainstorm & Idea Prioritization**

# 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.



#### Person 1

We use Water Quality, conductivity Sensor in this project.

we use The temperature sensor connected to this Waspinote sensor unit measured temperature of the fiver up .

we use pHsensor; Turbidity Sensor in this project.

we use GSM modulus in this project

## Person 2

Connect, collect and start processing lot data quickly and easily with the IBM Watson lot<sup>19</sup> Platform.

For Monitoring water quality with ICT we use turbidity gH. Temperature Dissolved Oxygen Conductivity and TDS Salinity. The ESP8266 module enables microcontrollers to connect to 2.4 GHz Wi-Fi, using IEEE 802.51 bgn

Measuring pH or power of hydrogen tells if the water is acidic or basic in nature.

#### Person 3

We use Map view showing geo-location of all the systems. we use application, website and cloud computing to receive the notification from destination

We use IBM Cloud computing to save the data. Through remote monitoring smart phone/ computer/ laptop

#### Person 4

To check water quality by analyzing the perameters such as temperature ph, conductivity sensors.

we proposed a water quality monitoring system using IOT. we designed a smart water monitoring system which can perform all this monitoring function.

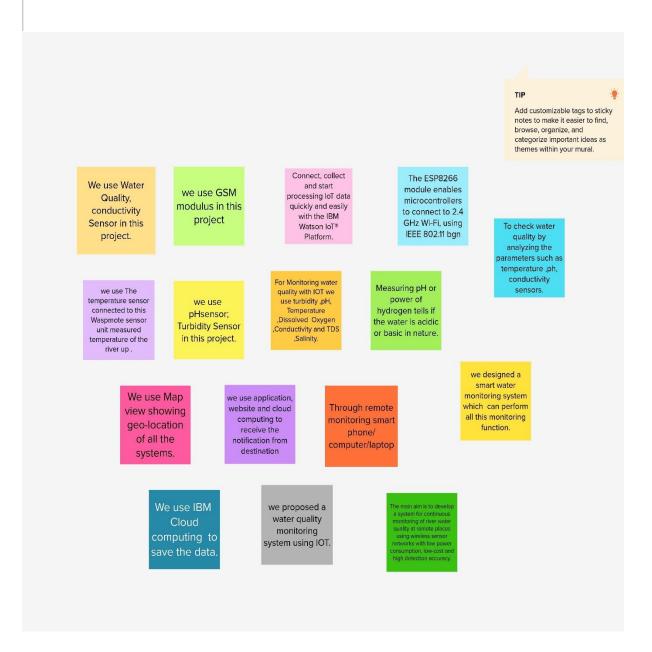
The main are to to develop a system for continuous mandaring of non swher quality all remote places, using windress serious technique, with loss proved technique, from used and tigo photochon accuracy. **Step-3: Idea Prioritization** 



## **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.

① 20 minutes





## **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.

0 20 minutes



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