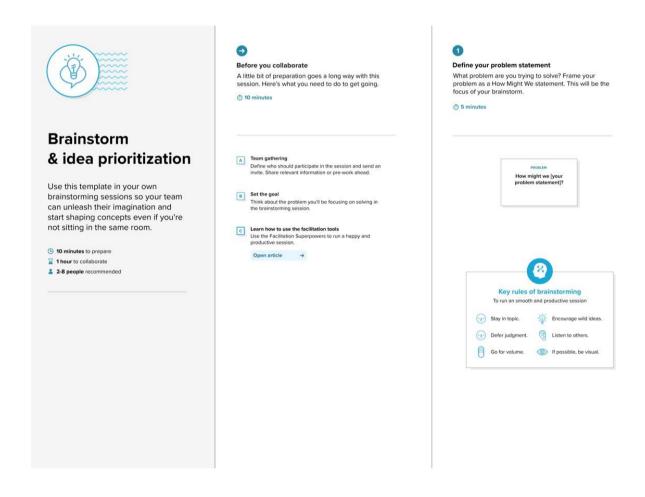
# Ideation Phase Brainstorm & Idea Prioritization Template

Team ID	PNT2022TMID36354
Project Name	IOT Based Real-Time River Water Quality
	Monitoring and Control System
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.

10 minutes



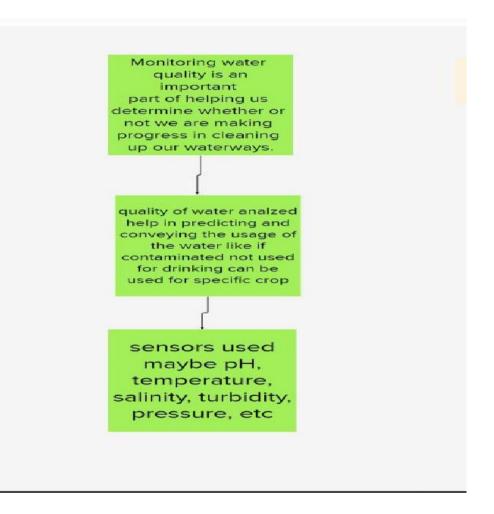
### **SARANYA S** VINEHA K ASMA S **DIVYA G** Montoring water quality is an important pert of heiping or determine whether or not we are making progress in cleaning up our waterways. Determining the quality of the water reveals the health consequences that may happen Testing the usage of Ensuring the A wireless different quality of water can be safety of river communication sensor to water from a investigated by a stringent water before system is analyze the remote consuming is efficient mechanism location water quality best Monitoring water quality is very important for maintaining ecosystem health advanced and automated Arduino sensors used real-time SMS alert can Water quality learning maybe pH, temperature, controller is database be made sensor can give algorithms are monitoring is used to draw used to detailed insight about water used for incase of a costalinity, turbidity, conclusions on generate the cloud server high values effective and pressure, etc. quality quality reading The state of alarm can be the collected cloud data can Remote current water The collected the water is triggered if quality monitoring system is cost and time consuming be retrieved monitoring of dat is sensor can be data can be anywhere and the result of the value analyzed and used to stored in cloud water quality predictions can man made goes beyond results are access the platform is time saving be done the limit activities updated water quality



### 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.

# 1 20 minutes

