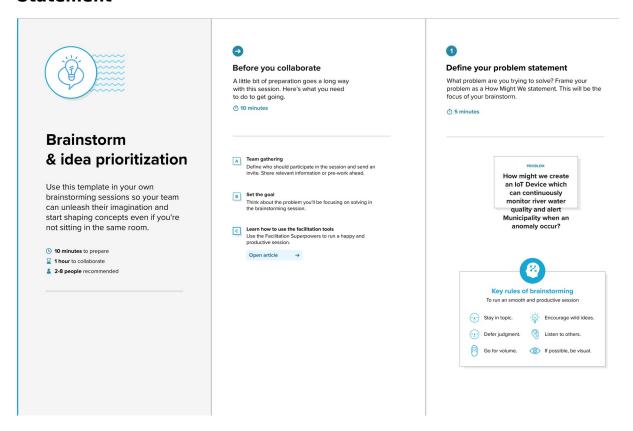
Ideation Phase Brainstorm & Idea Prioritization Template

Date	1 November 2022
Team ID	PNT2022TMID12872
Project Name	Project - Real-Time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

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.





SAJEESH P

Should be Cost Efficient	More Accurate	Continuous Monitoring
Remote	Should be	User
Access	Automated	Friendly

JAVED MASUDH

Temperature, pH and Flow rate Measurement	Use IoT concepts	Discrete Readings
Mobile App	Node MCU	IBM Cloud usage

SUYAMBARASAN

Time to Time Message Delivery	More Resolution	Lesser Error
Easy Implementation	New Technologies	Long period performance

PREM KUMAR K

Wireless Communication	Web Based App	Modern Sensors
Data Integrity	Economically Affordable	ESP8266

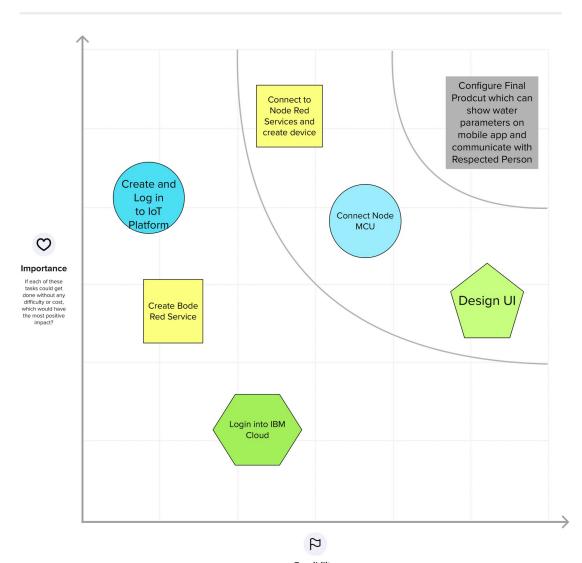
Step-3: Idea Prioritization



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.

① 20 minutes



Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)