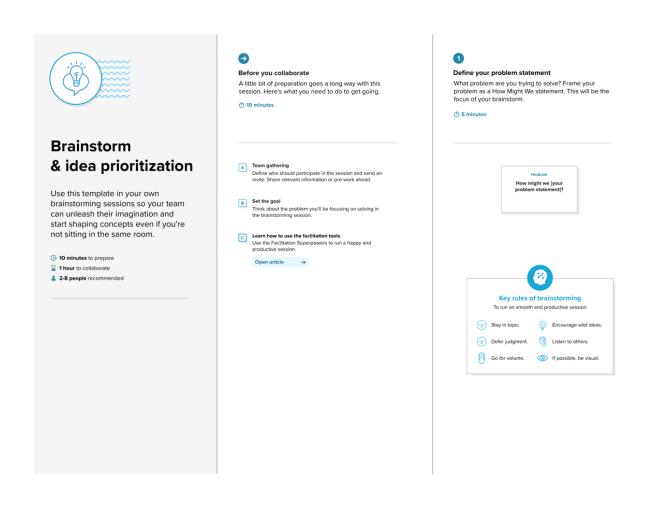
Ideation Phase Brainstorm&Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID46688
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



view showing

geo-location of

all the systems.

We use IBM

Cloud

computing to

save the data.

Brainstorm

Write down any ideas that come to mind that address your problem statement.



Person 2 Person 1 Connect, collect The ESP8266 We use Water and start we use Quality. processing lof pHsensor, microcontrollers to data quickly and conductivity Turbidity Sensor connect to 2.4 GHz easily with the ISM Sensor in this Wi-Fi, using IEEE in this project. Wistson IoT[®] BO2:ff bgn project. Platform. we use The For Monitoring water Measuring pH or quality with IOT we use turbidity aH. emperature sensor connected to this we use GSM power of Temperature Dissolved Oxygen springly sensor unit modulus in hydrogen tells if measured repressure of the the water is acidic this project Conductivity and TDS Salinity. or basic in nature. Hiver up. Person 3 Person 4 To check water we use application, we designed a We use Map quality by analyzing website and cloud smart water

computing to

receive the

notification from

destination

Through remote

monitoring smart

phone/ computer/

laptop

the perameters

such as

temperature ph.

conductivity

sensors.

we proposed a

water quality

monitoring

system using

IOT,

monitoring system

which can perform

all this monitoring

function.

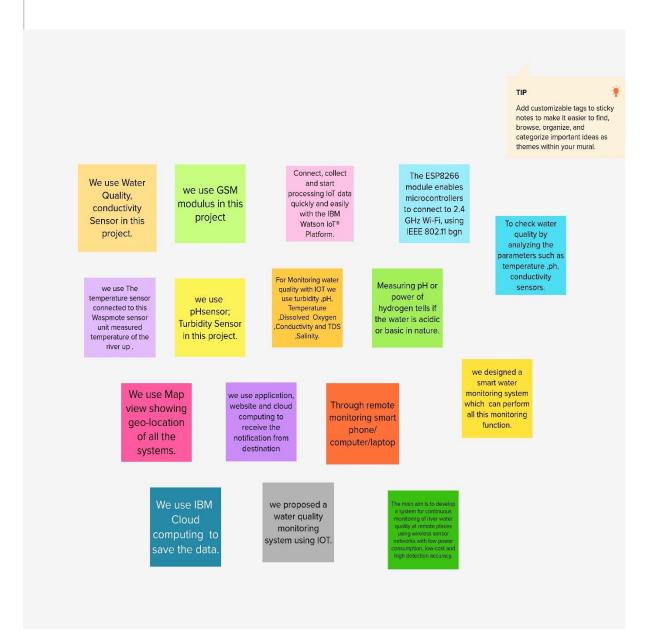
Step-3: Idea Prioritization



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.

(†) 20 minutes



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() 20 minutes

