

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID30534
Project Name	Real time river water quality monitoring and control system
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

In Brainstorm and idea prioritization template the problem statement ,ideas of team members, idea making and grouping have to be displayed. The requirements and qualities of the river water also be displayed. The ideas of the team members should be categorized into high priority and low priority. The high priority ideas are placed at the top of the graph.

Reference:

<https://app.mural.co/invitation/mural/nalaiyathiraniotbatch71595/1665495929990?sender=u8dac0f89b0cfb68c175a1823&key=21cbb64b-d84b-43af-bf31-5dce327fb14d>

STEPS


Step-1: Team Gathering, Collaboration and Select the Problem Statement

Step-2: Brainstorm, Idea Listing and Grouping

Step-3: Idea Prioritization




Step-1: Team Gathering, Collaboration and Select the Problem Statement


Template





Brainstorm & idea prioritization


Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

 10 minutes to prepare
 1 hour to collaborate
 2-8 people recommended











Before you collaborate


A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

 10 minutes




Team gathering

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.



Set the goal


Think about the problem you'll be focusing on solving in the brainstorming session.



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Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

 5 minutes

PROBLEM STATEMENT

Water is a finite resource that is necessary for agriculture, industry and the survival of all living things on the planet, including humans. Many people are unaware of the need of drinking adequate amounts of water on a daily basis.

 Share template feedback

Step-2: Brainstorm, Idea Listing and Grouping

2

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

🕒 10 minutes

BIRUNTHIKA S

Quality of Water

Irrigation purpose

Human needs

Prevention of diseases


GOMATHI B

Need for pure water

Prevent contamination

Avoid drought

Tourism



JAYALAKSHMI S

Aquatic life improvement

Transportation

Dam maintenance

Fishing

MUNISHA R

Depends on season

Wild life survival

Improve natural resources

Easy to treat waste water

3

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 can break it up into smaller sub-groups.

🕒 20 minutes

REQUIREMENTS

Area for River flow

Need of water


Wildlife needs

QUALITIES

Quality of water

Oxygen Molecules

Improve natural resources



Step-3: Idea Prioritization

4

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

