


IDEATION PHASE

BRAINSTORM & IDEA PRIORITIZATION

Date	15 September 2022
Team ID	PNT2022TMID16005
Project Name	Efficient Water Quality Analysis and Prediction using Machine Learning
Maximum Marks	4 Marks




Brainstorm & Idea Prioritization Template:


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




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

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

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


C Learn how to use the facilitation tools
Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) →

1


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

How might we [your problem statement]?



Key rules of brainstorming

To run a smooth and productive session

-  Stay in topic.
-  Encourage wild ideas.
-  Defer judgment.
-  Listen to others.
-  Go for volume.
-  If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

10 minutes

TIP

You can select a sticky note and hit the pencil (switch to sketch!) icon to start drawing!

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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

SHANKAR PIRAJIN S

The best
algorithm
is
suggested

To
improve
the
accuracy

User-
friendly

VISHAL S R

Water
Quality
Analysis

Pre-
processing
the data

Detect
the
quality
of water

SURYA T

Reduce
the error

Efficient
way to
identify the
impurity

Reduce the
unwanted
error
occurred

YASWANTH M G

Reduce
the
noisy of
data

Achieve
the high
accuracy

More patients
result can be
processed in a
short span of
time

Person 4

Provide a
useful
algorithm
for
analyzing
the quality
of water

The condition
is simple to
recognize for
professionals

Avoid the
unnecessary
money loss

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mind.

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

