


Ideation Phase

Brainstorm & Idea Prioritization

Template




Date	18 September 2022
Team ID	PNT2022TMID30287
Project Name	Machine Learning-Based Predictive Analytics for Aircraft Engine.
Maximum Marks	4 Marks

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

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 **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.

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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


To predict the failure of an engine by using Machine Learning to save loss of time & money thus improving productivity.


**Key rules of brainstorming**


To run an 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!

Navin D R

[illegible]

Selvaravathi S

7. The population mean is 100. The sample mean is 102. The sample size is 100. The standard deviation is 10. The probability of a Type I error is 0.05.
8. The population mean is 100. The sample mean is 102. The sample size is 100. The standard deviation is 10. The probability of a Type II error is 0.10.
9. The population mean is 100. The sample mean is 102. The sample size is 100. The standard deviation is 10. The probability of a Type III error is 0.05.
10. The population mean is 100. The sample mean is 102. The sample size is 100. The standard deviation is 10. The probability of a Type IV error is 0.10.

Priyatharshini K

[illegible]

Dheebakrøj A

- **Chloroplasts** are the site of **photosynthesis** in plants and algae. They contain **chlorophyll**, a green pigment that captures light energy.
- **Chloroplasts** have a double membrane and internal structures called **thylakoids** and **stroma**.
- **Thylakoids** are stacked and contain **photosynthetic pigments** that absorb light energy.
- **Stroma** is the fluid-filled space surrounding the thylakoids, where the **light-independent reactions** of photosynthesis occur.

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

TIP Add customizable tags to sticky notes to make it easier to find, organize, categorize, 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

