

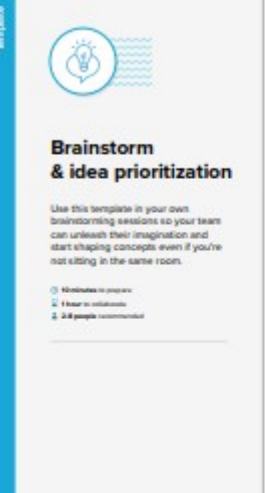
Ideation Phase

Brainstorm & Idea Prioritization Template

Date	17 OCTOBER 2022
Team ID	PNT2022TMID39920
Project Name	Developing a Flight Delay Prediction Model 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
4 hours to collaborate
2-8 people recommended

1 Before you collaborate

A little bit of preparation gives 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 as you wish about.
- Set the goal: Think about the problem you'll be focusing on solving in the brainstorming session.
- Learn from the facilitator: Use the facilitator's experience to use a happy and productive session.

Agree on this

2 Define your problem statement

What problem are you trying to solve? Frame your problem as a flow (light)/the statement. This will be the focus of your brainstorm.

5 minutes

Problem: Is the next flight from PNT2022 to London going to be delayed?

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Key rules of brainstorming

To see an example and practice session

- Stay on topic
- Encourage wild ideas
- Quantity over quality
- Listen to others
- No criticism
- Be open to others

Step-2: Brainstorm, Idea Listing and Grouping

2 Brainstorm

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

10 minutes

TP You can select a sticky note and fit the pencil/pencil to stick to the board to start drawing!

Ajay Kumar

- Can improve airline operations and passenger satisfaction.
- By using Machine Learning (ML) Algorithms you can try to predict if your flight will be delayed in many ways.
- By proper communication to passengers.
- By predicting the past Flight Delays.

Sanjay

- Check weather conditions.
- Reducing air traffic.
- Creating a delay model using previous delays.
- Developing a AI model to predict.

Sundara Moorthy

- Check flight mechanism.
- Increasing aviation signal detection strength.
- Creating proper always.
- Checking aviation detection.

Subash

- Be ready for the process.
- Check the weather before you leave.
- Research your flights on-time performance.
- Be informed about your delays.

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

TP Add customizable tags to sticky notes to make it easier to find, browse, organize, and compare important ideas as they relate to your team.

Step-3: Idea Prioritization

