


Ideation Phase

Brainstorm & Idea Prioritization Template

Date	01 NOVEMBER 2022
Team ID	PNT2022TMID45564
Project Name	DEVELOPING A FLIGHT DELAY PREDICTION MODEL USING MACHINE LEARNING
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.

[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 be able to predict flight delays and make it useful for general public?

Key rules of brainstorming

To run a smooth and productive session

🗨️ Stay in topic.

💡 Encourage wild ideas.

👂 Better judgement.

👂 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 button to edit it. You can also delete it.

AAGHIL

Predictive delay
location based
Flight history
Weather
Airport
Delay

Prediction
of delay
based on
Weather
Delay

Arrival and
departure
delays

Prediction of
delay based
on Airport
Arriving Late

Flight
Arrival and
Departure
Status

Display the
delay of a
particular
flight

S.VIGNESH

Predictive delay
location based
Flight history
Weather
Airport
Delay

Prediction
of delay
based on
Weather
Delay

Arrival and
departure
delays

Airport
Delays

Information
about
different
airports

For down
the flight
on a map

S.MONIKA

Arrival and
departure
status
Flight history
Weather
Airport
Delay

Prediction
of delay
based on
Weather
Delay

Arrival and
departure
delays

Information
about
cancelled
flights

Track a
flight using
Origin and
Destination

Track a
particular
flight using
the flight
No

DIYA CVSS

Predictive delay
location based
Flight history
Weather
Airport
Delay

Prediction
of delay
based on
Weather
Delay

Arrival and
departure
delays

Get a list of
flights
from a
particular
airport

Display list
of flights
for a
particular
route

Getting
Flight info
using the
picture

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 a sentence-like label to each cluster to make it easier to find. You can also use the "Group" button to group ideas together.

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

