


# Ideation Phase

## Brainstorm & Idea Prioritization Template

Date	18 September 2022
Team ID	PNT2022TMID30209
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

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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


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PROBLEM


How might we be able to predict flight delays and make it useful for general public?


**Key rules of brainstorming**


To run an smooth and productive session


 Stay in topic.

 Defer judgement

 Go for volume.

 Encourage wild ideas.

 Listen to others

 If possible, be visual.

## Step-2: Brainstorm, Idea Listing and Grouping

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### Brainstorm

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

🕒 10 minutes

**TIP**  
You can select a sticky note and set the pencil pointer to "select" from the start drawing!

#### SPARSHA S

Predictive safety location based flight time weather, location, destination, departure time	Prediction of delay based on Weather Delay	Arrival and departure delays
Prediction of delay based on Airport Arrival/Late	Flight Arrival and Departure Status	Display the delay of a particular flight

#### REVATHI R

Predictive safety location based flight time weather, location, destination, departure time	Prediction of delay based on Weather Delay	Arrival and departure delays
Airport Delays	Information about different airports	Get down the flights on a map

#### SARADA S P

Knowledge using Weather, location, destination, departure time Weather, location, destination, departure time	Prediction of delay based on Air Carrier Delay	Arrival and departure delays
Information about cancelled flights	Track a flight using Origin and Destination	Track a particular flight using the flight No

#### SIVATHARANI V

Predictive safety location based flight time weather, location, destination, departure time	Prediction of delay based on Arrival/ Arrival/ Late	Arrival and departure delays
Location of new flights to the destination for a particular route	Display list of flights for a particular route	Getting Flight info using its picture

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### 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 cluster labels to sticky notes to make it easier to find, update, or delete, and collaborate "questions" about an idea or sticky note.

### Step-3: Idea Prioritization

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#### 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

