

## Ideation Phase

### Brainstorm & Idea Prioritization Template

|               |  |
|---------------|--|
| Date          | 19 September 2022                      |
| Team ID       | PNT2022TMID40758                       |
| Project Name  | TRIP-BASED FUEL CONSUMPTION PREDICTION |
| 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**

**How might we predict the fuel consumption of modern fleet vehicles accurately using machine learning?**

**Key rules of brainstorming**  
To run a smooth and productive session

🗣️ Stay in topic.

🗣️ Defer judgment.

🗣️ Go for volume.

💡 Encourage wild ideas.

👂 Listen to others.

👁️ If possible, be visual.

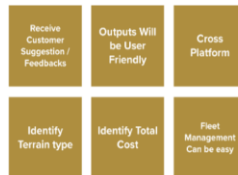
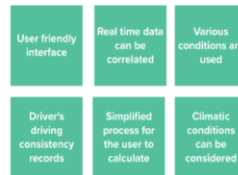
#### Step-2: Brainstorm, Idea Listing and Grouping

2

**Brainstorm**

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

🕒 10 minutes

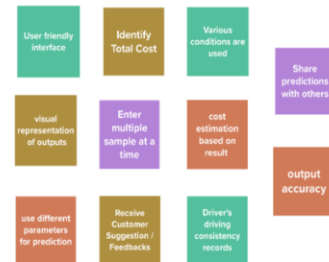
**Harish****KARTHI****Logeshwaran****Mugundaan**

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 and break it up into smaller sub-groups.

🕒 20 minutes

**GROUP 1****GROUP 2****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

