

Ideation Phase

Brainstorm&Idea Prioritization Template


Date	15 September 2022
Team ID	PNT2022TMID35906
Project Name	Signs with Smart Connectivity for better road safety
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

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.

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

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 to identify Prioritizing vehicles?

PROBLEM

How to measure traffic density?

PROBLEM

How to set speed limit based on climatic change?

PROBLEM

What are the factors affecting speed control?

PROBLEM

How to make efficient usage of resources?

PROBLEM

How to make dynamic traffic signals timings?

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 refile it to the board. You can also select a sticky note to start drawing.

Rohinith Ram R V

providing safety

prioritizing the vehicles

time management

protecting environment

optimal usage of resources

speed change based on climate

Siva Chokkalingam S

measure of traffic density

caution signs

checking vehicle condition periodically

proper use of indicators

reaching destination without delay

tensionless driving

Atchayapriya M

better usage of resources

preventing environmental damages

reduction of signals timing based on traffic density

ensuring road safety

making sure to prioritize life saving vehicles

making traffic signals dynamic

Deepa jothi S K

reducing fuel usage

cost efficient

following speed limit

dynamic road signs at hospital and school zones

sign colour change based on environment condition

mental stability

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

speed limit change based on climate condition

Speed Control based on Climate

speed change based on climate

sign colour change based on environment condition

dynamic road signs at hospital and school zones

Saving lives

making sure to prioritize life saving vehicles

reducing fuel usage

caution signs and following speed limit

cost efficient

better usage of resources

prioritizing the vehicles

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

