

# Ideation Phase

## Brainstorm & Idea Prioritization Template

Date	28 September 2022
Team ID	PNT2022TMID45350
Project Name	Car Resale Value Prediction
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.

Reference: <https://app.mural.co/template/94238f11-00b5-42c7-8374-b3dd7c7c0b76/ae150568-42bf-46cc-b205-2f4ba1bdb4ca>

### 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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### 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 get good valued car?

**Key rules of brainstorming**  
To run an 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

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 [switch to sketch] icon to start drawing!

#### Person 1

Analyzing the car by using image.	By the image we can look for scratches on the car.	By the image we can look for dents on the car.
The image shows the color of the car.		

#### Person 2

The car prediction using documents.	Insurance of the car.	Year of the model.
Fuel consumption rate should be mentioned		

#### Person 3

Condition of car using convolutional neural networks	Value predicted using engine condition	engine sound can be recorded and uploaded as audio file
engine condition is evaluated from this audio	Any other issue in performance is predicted	

#### Person 4

The video of the car can be uploaded	The interior and exterior can be seen clearly	Condition of the wheels can be predicted
Total distance driven should be mentioned		

## Step-3: Idea Listing and Grouping

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### Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, 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

#### Based on documents

Insurance of the car.

Year of the model.

#### Based on look of the car

Condition of the vehicle, can be predicted

The image shows the color of the car.

By the image we can look for dents and scratches on the car.

#### TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

#### Based on performance

Fuel consumption rate should be mentioned

Total distance driven should be mentioned

Engine condition predicted using engine sound

#### Based on media uploads

The video of the car can be uploaded

Engine sound can be recorded and uploaded as audio file

Analyzing the car by using image.

## Step-4: 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

