

## Ideation Phase


### Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID02019
Project Name	PROJECT-CAR RESALES VALUE PREDICTION
Maximum Marks	4 Marks

#### Brainstorm & Idea Prioritization Template:




#### Step-1: Team Gathering, Collaboration and Select the Problem Statement


Template



## 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

 Team gathering

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.


 Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.

 Learn how to use the facilitation tools


Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) →




#### 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

Cars of a particular make, model, year, and set of features start out with a price set by the manufacturer. as they age and are resold as used, they are subject to supply-and-demand pricing for their particular set of features. In addition to their unique history, the more this set them apart from comparable cars, the harder they become to evaluate with traditional methods.



#### SOLUTION

Using machine learning to better utilize data on all the less common features of a car can more accurately predict the value of a vehicle. This is a clear benefit to consumers, especially those who themselves cannot ascertain the value of the vehicle that they are buying or selling and must rely on a tool. A tool that is more tailored to the non-standard features of the car can provide a more accurate price and make the market fairer for all participants

## 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 (switch to sketch) icon to start drawing!

HARSHAVARTHINI

Giving priority to the preference of women

Prediction based on brand, price, luxury and comfortness

creating the web-based application where the user is notified about the status

PREETHA

Getting inputs from the user

Getting inputs from the user

Creating a login credential using fask

Creating a login credential using fask

SANJAY KUMAR

Inputs will be entered by the users through UI

model is trained using lasso algorithm

Save the model and show the output on web application

MADHUSUDHANAN

Observing the collected dataset and the features

Splitting the data into train and test using suitable algorithm

Analyse and evaluate the model and choose the model with more accuracy

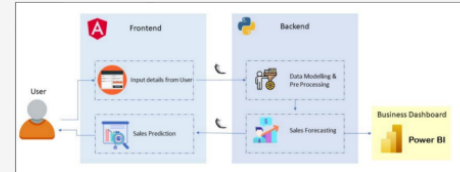
Displaying the output through web application

3

### 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



## 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

