


## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID16221
Project Name	Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies

#### 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.

[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 might we (your problem statement)?

**Key rules of brainstorming**

To run a smooth and productive session

- Stay in topic.
- Encourage wild ideas.
- Defer judgment.
- Listen to others.
- Go for volume.
- 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 hit the pencil [switch to sketch] icon to start drawing!

### VANRAJ IDEA 1

Computer vision based estimation of car

VGG model achieves almost 92% accuracy in ImageNet

Using image preprocessing the user gets notified the damage percentage

Neural network extracting image feature

### SHARUK IDEA 2

With the help of artificial intelligence we provide easy estimations about damage

Accuracy in pricing car repairs

Images are clearly detected using VGG model

Car model detection

### SHARAVANAN IDEA 3

We have to acquire correct info about the damage or car

terms and conditions should be accessible to any OS

We must give the user authentication ID

we should redirect the user to authorized insurance company

### VISHWAA IDEA 4

With the help of image, we can detect the dent

Fake image detection

we can estimate the minor and major damages

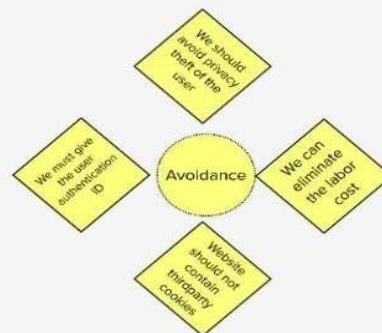
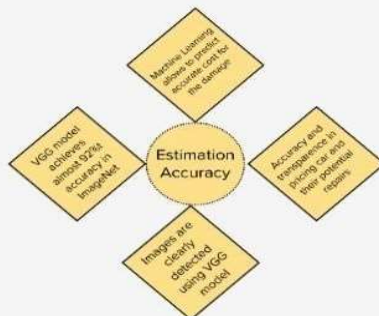
Identify the damage severity using CNN

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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



### TIP

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

# 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

