

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	28.09.2022
Team ID	PNT2022TMID36535
Project Name	Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies
Maximum Marks	4 Marks

PROBLEM STATEMENT:

- ✓ Major problem faced by the customer on an insurance company is not having idea an about the cost of damage.
- ✓ Insurance Companies are failing to provide the right amount for the car damage and the customer is not able to claim for the damage.
- ✓ Developing a solution that can able to identify the right cost for the damage would be beneficial for many.



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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

Major problem faced by customer on insurance companies is not having the idea about the cost of the damage



Key rules of brainstorming

To run an smooth and productive session



Stay in topic.



Encourage wild ideas.



Defer judgment.



Listen to others.



Go for volume.



If possible, be visual.

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!

Jayakrishna

Computer vision based estimation for car

With Image preprocessing the user gets notified severity of the damage

Neural network extracting image feature

Machine Learning allows to predict accurate cost for the damage

VGG model achieves almost 92%t accuracy in ImageNet

Shekhina

We can estimate the minor, major, and severe damage of the car

With the help of the image we can detect the dent

We can eliminate the labor cost

Fake Image Detection

Identifying the damage severity using CNN

Sri Kumar

With the help of Artificial Intelligence we provide easy estimations about damage

Images are clearly detected using VGG model

With the help of Artificial Intelligence we avoid fraud estimations

Car model detection

Accuracy and transparency in pricing car and their potential repairs

Purushothaman

We have to acquire correct information about the damage or car

We must give the user authentication ID

We should avoid privacy theft of the user

We should redirect the user to authorized insurance companies

Terms and Conditions should accessible to any OS

Gokul

Website should not contain third-party cookies

We have to maintain the user database

Response time should be quick

The website should be attractive to the user

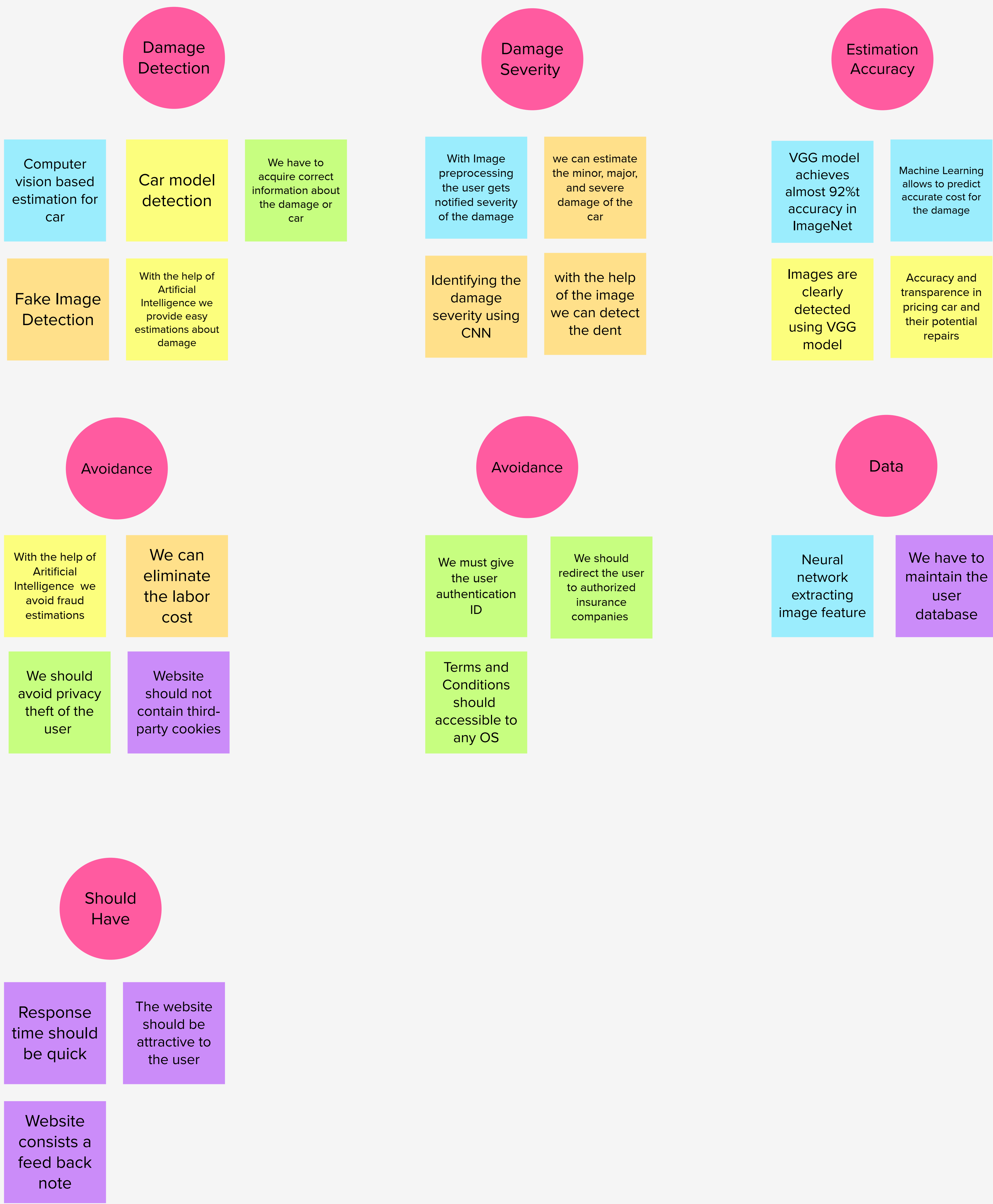
Website consists a feed back note




Group ideas

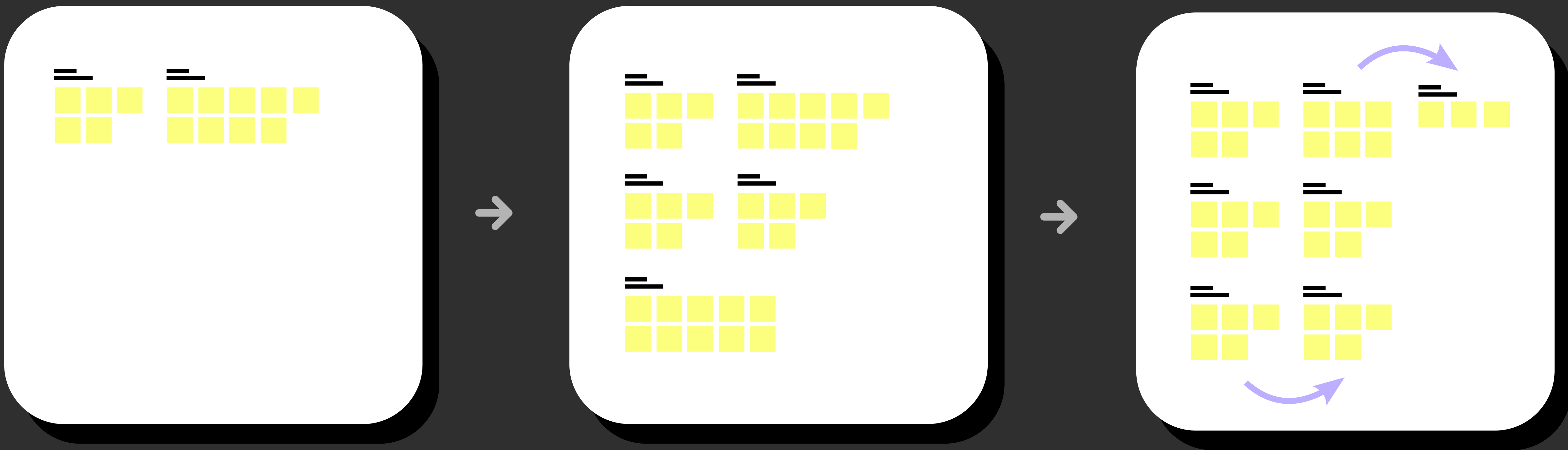
Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

🕒 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.



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

