### **IDEATION PHASE**

# **Brainstorm & Idea Prioritization Template**

Date	29-09-2022
Team ID	PNT2022TMID18155
Project Name	Intelligent Vehicle Damage
	Assessment and Cost Estimator for
	Insurance Companies
Maximum Marks	4 Marks

### **PROBLEM STATEMENT:**

- Major problem faced by the consumer on an insurance company is not having the idea 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 the solution that can able to identify the right cost for the damage would be beneficial for many companies.

# 1. Define your problem statement

What problem are you trying to solve? Frame your problem as a How might we Statement. This will be focus on your BRAINSTROM.



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.



#### 2.Brainstorm

Write down any ideas that comes to mind that address your problem statement.



5 minutes

#### Charulatha

Computer vision based estimation for car

With image processing the user gets notified severity of the damage

Neural network extracting Image feature

Machine Learning allows to predict accurate cost for thr damage

VGG model achieves almost 92% accuracy in image Net

#### Parasuraman

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 labour cost

Fake image Detection

VGG model achieves almost 92% accuracy in image Net

### Sivakumar

With the help of AI we provide easy estimation about damage

Images are clearly detected using VGG model

With the help of AI we avoid fraud estimations

Car Model Detection

Accuracy and transparence in pricing car and their potential repairs

# Viswajith

We have to acquire the correct information about the damage of 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

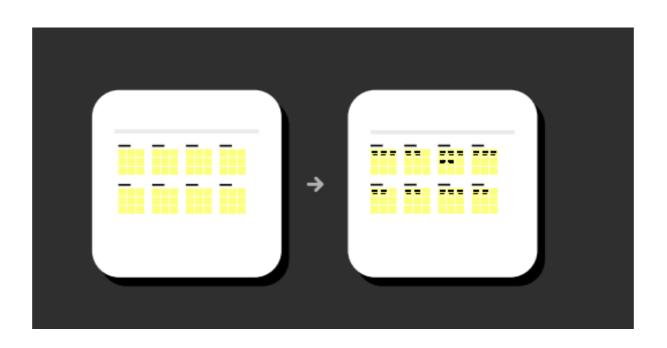
Website should not contain thirdparty cookies

We have maintain the User Database

Response time should be quick

The website should be attractive to the user

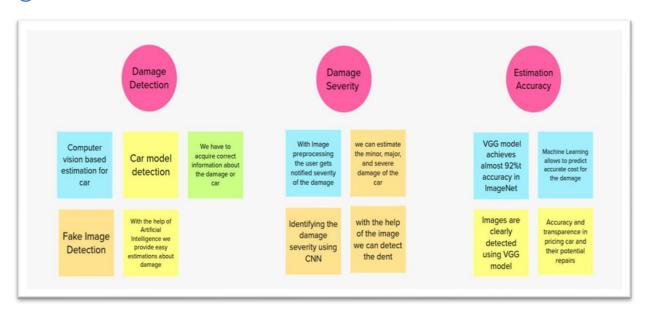
Website consists a feedback note

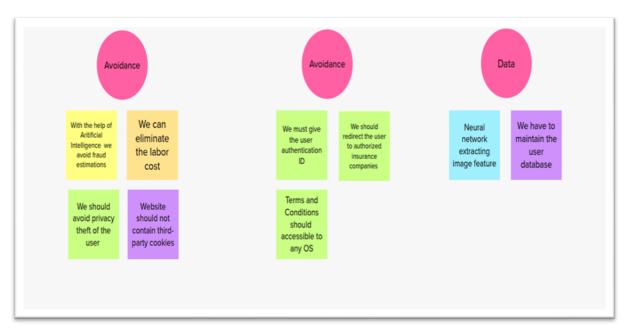


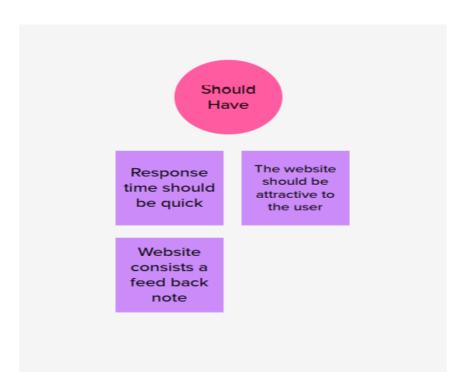
## 3. Group Ideas

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

### 20 minutes







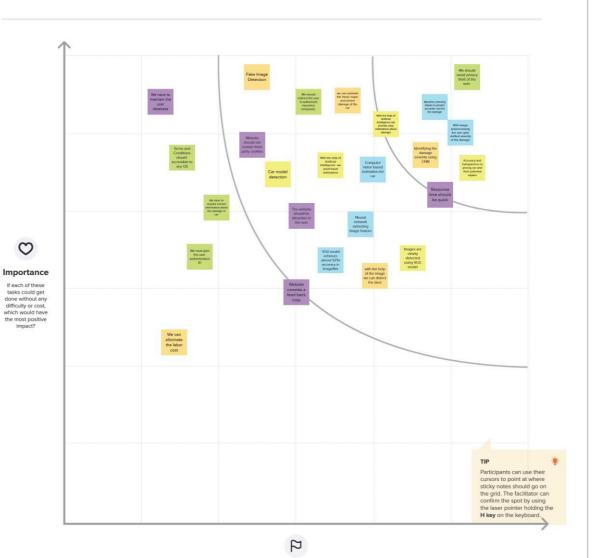




#### **Prioritize**

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.

① 20 minutes



#### Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

