


Ideation Phase

Brainstorm & Idea Prioritization

Date	16 October 2022
Team ID	PNT2022TMID51924
Project Name	Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization:

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

➔ 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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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 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 amount for the damage.
- Developing the solution that can able to identify the right cost for the damage would be beneficial for many consumers.

Key rules of brainstorming

To run a 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, 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!

ATSHAYA V

Computer vision base estimation for car

With image processing the user gets notified severity of the damage

Neutral network extracting image feature.

Machine Learning allows to predict accurate cost for the damage

Chithambara Selvi G

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 estimate the labour cost.

Fake image detection

HARI HARAN S V

With the help of AI we provide easy estimation about damage.

Images are clearly detected using VCG model.

With the help of AI we avoid fraud estimations.

Car model detection.

GOKUL B

We have to acquire the correct information about the damage of car

We have to maintain the user database.

Response time should be quick.

Website consists a feedback note.

3

Group ideas
Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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

Damage Detection

Computer vision base estimation for car

Car model detection.

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Fake image detection

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Damage Severity

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With the help of the image we can detect the dent.

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Damage Severity

Machine Learning allows to predict accurate cost for the damage

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With the help of AI we avoid fraud estimations.

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Data & Should have

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Step-3: Idea Prioritization:

