

Ideation Phase

Brainstorm & Idea Prioritization

Date	06 November 2023
Team ID	Team-591691
Project Name	AI Enable Car Parking Using Opencv
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization :

Brainstorming is a collaborative, idea-generation technique that encourages the exploration of creative concepts and solutions within a group setting. By fostering an open and non-judgmental environment, participants can freely express their thoughts and suggestions, thereby stimulating innovative thinking and problem-solving.

Idea prioritization involves the systematic evaluation and ranking of generated ideas based on predefined criteria such as feasibility, impact, resources required, and alignment with strategic objectives. This process helps to identify and focus on the most promising ideas that are best suited to address the core challenges or opportunities at hand. By prioritizing ideas, teams can allocate resources effectively and pursue initiatives that offer the highest potential for success and value creation

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
Design a model for solving
parking issues for real
world scenarios

2

Brainstorm

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

🕒 10 minutes

Person 1

Develop a AI model to solve parking problem in complex areas

Using cameras and sensors to detect the place accurately

Making the vehicle flow easier

Updating and tracking the moments

Person 2

Studying the traffic behaviour

Ensuring Safety measure to avoid congestion

Accurately checking parameters

Less fuel emitiion in indoor parking areas

Person 3

Finding space quicker in hurry situations

Create identity for every car in parking space

Tracking the moments of vehicles

Analyzing the patterns and rush in the area

Person 4

Less fuel consumption ways

Support and feedback from people and implementing them

Updation of places accurately without errors

Optimized tools to reduce cost

Improve user experience and using area effiecntly

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

TIP

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

AI MODEL

Develop a AI model to solve parking problem in complex areas

Improve user experience and using area efficiently

Points to be considered

Studying the traffic behaviour

Support and feedback from people and implementing them

Less fuel emission in indoor parking areas

Using cameras and sensors to detect the place accurately

Goal

Optimized tools to reduce cost

Making the vehicle flow easier

Ensuring Safety measure to avoid congestion

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

TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the **H** key on the keyboard.

