Ideation Phase
Brainstorm & Idea Prioritization

Date	07/MAY/2023
Team ID	IBM--18527-1682584903
Project Name	AI Enabled Car Parking Using OpenCv
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization :

Step-1: Team Gathering, Collaboration and Select the Problem Statement

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!

AJAYKUMAR A (Team leader)

"Dynamic Pricing System"

Implement a pricing system that charges more for parking in popular areas and less for parking in less popular areas to encourage even distribution of parking demand.

"Reservation System" Implement a reservation system that allows users to reserve a parking spot in advance to reduce time and effort required to find a parking spot.

"Real-time Parking Availability Monitoring"

- Discussion: Implement a system that uses OpenCV to monitor real-time parking availability and display available parking spots to users in a mobile app or on a digital display.

VIGNESHKUMAR S

I think this is a great idea because it will motivate people to park in less popular areas and reduce congestion

I think this is a must-have feature because it will save users time and reduce frustration

I think this is a great idea because it will give users real-time information about parking availability

SURYAPRAKASH M

Yes, and we can also consider giving discounts to frequent users of the parking system

Yes, and we can also consider integrating the reservation system with a mobile app for convenience

Yes, and we can also consider using color-coded indicators to show the availability of different types of parking spots.

G. Naveen Kumar

We can use data analysis to identify parking hotspots and adjust prices accordingly.

We will need to make sure that the reservation system is accurate and reliable, so users can trust the system

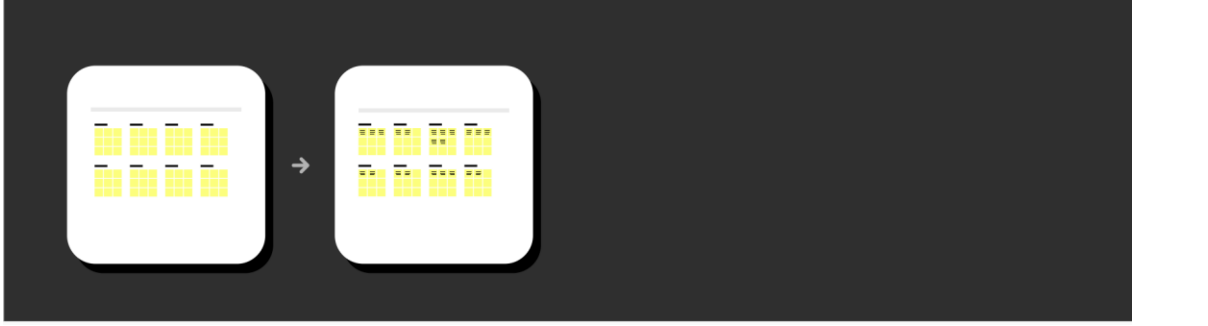
We can use machine learning algorithms to improve the accuracy of the parking availability data

L.B. Sabareeswaran

This could also help us optimize the use of the parking lot and maximize revenue.

We can use machine learning algorithms to predict parking demand and allocate parking spots accordingly

We will need to make sure that the system is user-friendly and easy to navigate, so users can quickly find available parking spots.



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 and break it up into smaller sub-groups.

20 minutes

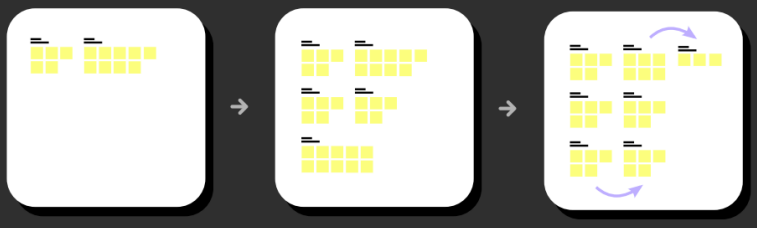
TIP

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

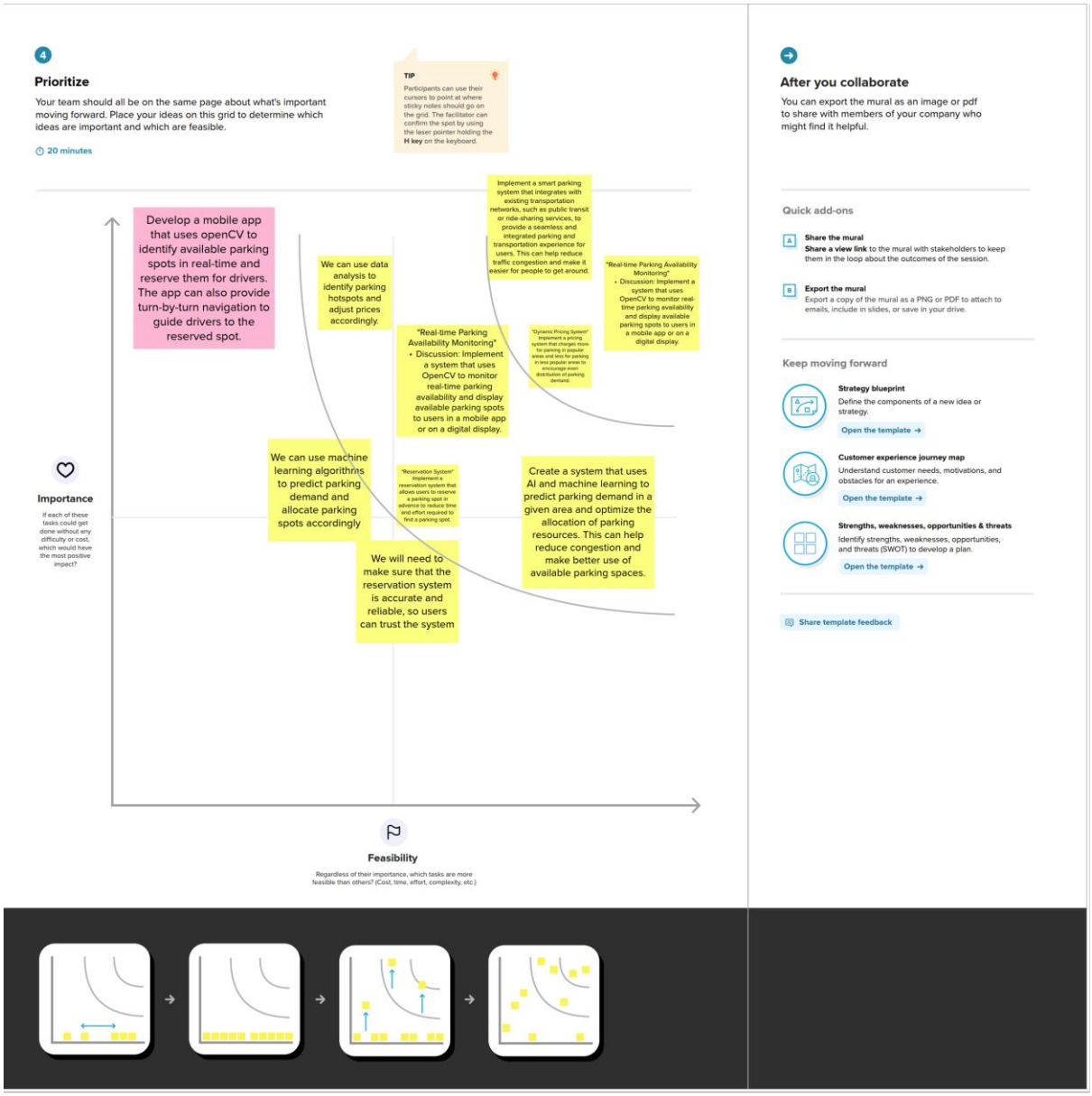
Develop a mobile app that uses openCV to identify available parking spots in real-time and reserve them for drivers. The app can also provide turn-by-turn navigation to guide drivers to the reserved spot.

Implement a smart parking system that integrates with existing transportation networks, such as public transit or ride-sharing services, to provide a seamless and integrated parking and transportation experience for users. This can help reduce traffic congestion and make it easier for people to get around.

Create a system that uses AI and machine learning to predict parking demand in a given area and optimize the allocation of parking resources. This can help reduce congestion and make better use of available parking spaces.



Step-3: Idea Prioritization



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Written and submit by.

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