



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

Share template feedback

Define your problem statement

To provide an Efficient communication app which translates the hand signs into text and voice mode for deaf and dumb people.

5 minutes

PROBLEM

How to replace static boards into smart connected sign board with appropriate signs?



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

SIJIN X

We can use the public transports to reduce the traffic intensity

We can obtain the traffic intensity data from the sensors

Speed rate will be based on concurrent data of temperature and moisture level of the sensors or weather API

Traffic intensity and traffic flow is estimated by the PIR sensors use as the vehicle counter

Optical indicators should use to indicate the path inside the tunnels

We can avoid heavy traffic and fetal situation by introducing the information and safety level boards

We provide the traffic data from the cloud to passengers via web application

To avoid the fetal traffic level in large cities, we can develop the electric train bus

Warning signals and guide signs are provide by circumference of the road network and location based

Real time data are collected by ESP32 and shared also into cloud and signs and web app changed in accordance with the data

SUJITHKUMAR S

Cooperative intelligence transport systems

Intelligence speed adaptation

Smart camera crash prevention

Road side collision avoidance

Driver fatigue Detection and warning

YUVARAJ.G

Crash prevention

Intersection coordination warnings and accidents alerts

Improved rescue

Road obstacles detection

Road Departure warning

TIP

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!



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

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



Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

		Intersection coordination warnings and accidents alerts	Road obstacles detection & Road Departure warning		
	We can avoid heavy traffic and fetal situation by introducing the information and safety level boards	Sensors and weather API is used to collect the real time data to control the Speed limitation For Sign board	Warning signals and guide signs are provide by circumference of the road network and location based	We provide the traffic data from the cloud to passengers via web application	
	Traffic intensity and traffic flow is estimated by the PIR sensors use as the vehicle counter	ESP 32 Microcontroller is responsible to control the sensors and data transferring to cloud to update in application	Appropriate signs are displayed and signs are changed with existing traffic control methodologies	Optical indicators are used to indicate the path at sharp turnings to avoid the accidents	
		Roadside collision avoidance by displaying road type and capacity	Intelligence speed detection Sensors are used to calculate the vehicle speed		