

## 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 collaborate2-8 people recommended

Define your problem statement
Signs with Smart Connectivity for Better Road
Safety

**5** minutes

In present Systems the road signs and the speed limits are Static. We can consider some cases when there are some road diversions due to heavy traffic or due to accidents the we change the road signs accordingly if they are digitalized. This project proposes a system which has digital sign boards on which the signs can be changed dynamically.

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

1 10 minutes

E rout IOT to An sevice

**Abisha** 

Helps to
detect
Temperature

gency,
ded cars
tomatic
ges and
ngs to
togency

they are caught
and fined

Generate alert if vehicle speed is more than road speed limit..

Automatically choose alternative

Angel

Automatically choose alternative path when traffic occurs

Advance GPS for prediction traffic.

Anugraha

Prevents

accident

Detecting the steadiness of the vehicle to avoid drunk

Technology
for
monitoring
and
monitoring
reduce
violations

Ultrapower
light
blinking on
the road

Works
perfectly on
climatic
conditions

Passenger
limit
monitoring
system

Spect Can be decided by IOT
system,so no
need of
emergency
braking

The signs can
also be used for
smart
pedestrian
crossing
management

Spect Can be
decided by IOT
system,so no
need of
emergency
braking

Getting proper
updates like
Accidents and
Potholes

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.

① 20 minutes

Speed limit suggestion

Perfect on different climatic conditions

prevents
accidents
due to the

4

## 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

