


Date	17 September 2022
Team ID	PNT2022TMID46185
Project Name	SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY
Maximum Marks	4 Marks

## Step 1: Team Gathering, collaboration and select the problem statement

Template



### 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
- 2-6 people recommended

Share template feedback

➔

#### 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.

[Open article](#) ➔

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

Around the world road traffic injuries cause 1.35 million deaths and up to 50 million injuries each year. These injuries can lead to life long disability including brain and spinal cord injuries.

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.

Step-2: Brainstorm, ideas listening 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!

Hariharasudhan

For efficient transportation

To reduce traffic congestion

Dynamic road signals

Control traffic violation

Ramkumar M

Teamwork and responsibility

To predict weather on the roads

Control through web application

Digitalized sign board

Vinith s

Improving visibility

Prevent and reducing road traffic accident

To improve remote control systems

Detect fraction control system

Selvakumar P

Lane departure warning prevention

To reduce in lane departure warning prevention

Newer safety features

Accident avoidance system

Deepak M

Improve lane notice

Indicate lane departure warning

Crash avoidance system

Crash mitigation system

### Step 3: Idea prioritization

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.

🕒 20 minutes

