


Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID14540
Project Name	Signs with Smart Connectivity for Better Road Safety.
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization :

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



Conducting a brainstorm

Executing a brainstorm isn't unique; holding a productive brainstorm is. Great brainstorms are ones that set the stage for fresh and generative thinking through simple guidelines and an open and collaborative environment. Use this when you're just kicking-off a new project and want to hit the ground running with big ideas that will move your team forward.

- 🕒 15 minutes to prepare
- 🕒 30-60 minutes to collaborate
- 👤 3-8 people recommended

Created in partnership with

➔

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.

🕒 15 minutes

A Choose your best "How Might We" Questions

Create 5 HMW statements before the activity to propose them to the team.

B Set the stage for creativity and inclusivity

Go over the brainstorming rules and keep them in front of your team while brainstorming to encourage collaboration, optimism, and creativity.

1. **Encourage wild ideas** (If none of the ideas sound a bit ridiculous, then you are filtering yourself too much.)
2. **Defer judgement** (This can be as direct as harsh words or as subtle as a condescending tone or talking over one another.)
3. **Build on the ideas of others** ("I want to build on that idea" or the use of "yes, and...")
4. **Stay focused on the topic at hand**
5. **Have one conversation at a time**
6. **Be visual** (Draw and/or upload to show ideas, whenever possible.)
7. **Go for quantity**

C Interested in learning more?

Check out the Meta Think Kit website for additional tools and resources to help your team collaborate, innovate and move ideas forward with confidence.

[Open the website ➔](#)

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Choose your best "How Might We" Questions

Share the top 5 brainstorm questions that you created and let the group determine where to begin by selecting one question to move forward with based on what seems to be the most promising for idea generation in the areas you are trying to impact.

🕒 10 minutes

QUESTION

what do we incorporate to make it a smart signboard

QUESTION

how helpful is the smart signboards

QUESTION

In what minimum ways it can be achieved

QUESTION

what can be done

Step-2: Brainstorm, Idea Listing and Grouping

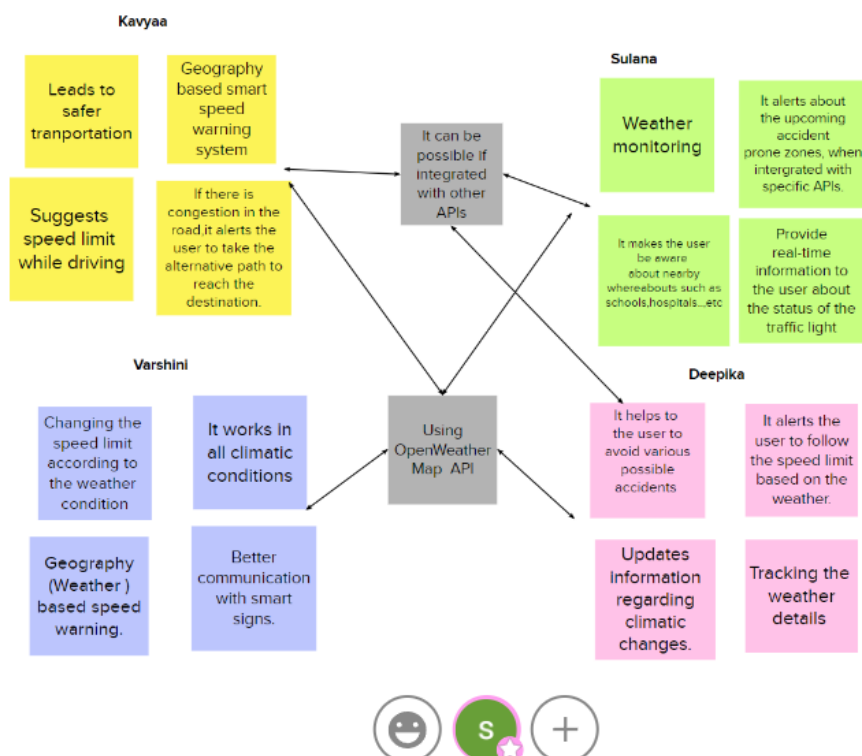
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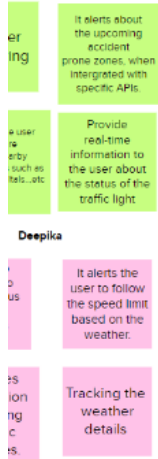
Brainstorm solo

Have each participant begin in the "solo brainstorm space" by silently brainstorming ideas and placing them into the template. This "silent-storming" avoids group-think and creates an inclusive environment for Introverts and extroverts alike. Set a time limit. Encourage people to go for quantity.

🕒 10 minutes



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Brainstorm as a group

Have everyone move their ideas into the "group sharing space" within the template and have the team silently read through them. As a team, sort and group them by thematic topics or similarities. Discuss and answer any questions that arise. Encourage "Yes, and..." and build on the ideas of other people along the way.

15 minutes

TIP
You can use the **Verbing session** tool above to focus on the strongest ideas.

Notifying the weather conditions with smart signs

Changing the signs dynamically by using weather API

Alerts the user to follow the speed limit based on the weather.

Access to weather condition through weather APIs, so it can also alert the issues related to that

Alerts the user about nearby or their whereabouts such as schools, hospitals...etc which can be achieved through integration of other APIs.

