Ideation Phase

Brainstorm & Idea Prioritization

Date	16 May
Team ID	NM2023TMID15643
Project Name	Intelligent People and Vehicle Counting Secratirat

Brainstorm & Idea Prioritization:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving . Prioritizing volume over value, out-of-box ideas are welcome and built upon , and all participants are encouraged to collaborate , helping each other develop a rich amount of creative solutions.

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

Step-2: Brainstorm

Step-3:Idea Prioritization

Step-1:

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

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.

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① Define your problem statement

The current manual counting system is not efficient and reliable in tracking the number of people and vehicles entering the secretariat

🕐 5 minutes

PROBLEM
How might We achieve manual counting system and reliable in tracking the number of people and vehicles entering the secretariat

Key rules of brainstorming
To run an smooth and productive session

- Stay in topic.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.

②

Brainstorm

Type your paragraph...

⏱ 10 minutes

Person 1

Implement a centralized dashboard or mobile application for trafc patterns and alerts for effectively manage trafc fow

Traffic management system to gain a comprehensive view of transportation operations

Enable seamless integration of vehicle counting data

Person 2

Depoly IOT sensors and leverage advanced data analytics techniques such as machine learning algorithms

Robust security measures to protect IOT devices,network

Asses the feasibility of installing sensors at strategic locations to capture and accurate data

Person 3

Ensure seamless integration of vehicle counting data with the secretariat exiating IT infrastructureand protocols for efcient datasharing and processin

Assess the potential operational savings to ensure costeffective implementatio

Evaluate solutions that can scale to handle increasing data volumes,with different devices and systems

Person 4

Develop user friendly interfaces,such as web ports to provide citizens with real-time access to vehicle counts

Strong security measuresand privacy controls to protect citizens personal information

Emphasize energyefcient IOT depolyment by utilising lowpower sensors

④

Prioritize

Type your paragraph...

⏱ 20 minutes

Importance

Here we will ask how important each of these solutions are, with respect to how well each solves the problem.

Feasibility

Regardless of how important, what could we do based on some sort of constraints (cost, complexity, etc.)