Ideation Phase Brainstorm & Idea Prioritization

Date	28 October 2022
Team ID	PNT2022TMID45560
Project Name	Smart solutions for Railways systems
Maximum Marks	4 Marks

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

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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

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

In Railways the people worry about time taken for ticket booking,railways system need to be update and adopt it self for modern world

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.

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2

Brainstorm

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

🕐 **10 minutes**

PRAVEENA M

Using Lux sensors for safety.	Monitoring air quality.
Ensuring washroom cleanliness.	Predictive maintenance and CMMS.

LALITHA K

Introducing Ticket booking via QR code with the help of mobile app	develope the safety and security for passenger
Improve Passenger Reservation System (PRS)	introducing medical emergency alarm

REKA S

Augmented Reality and Holographic Projection for Rail	Role of sensors in predictive maintenance.
The IoT-connected trains for ticket availability checking	introducing fire alarm in train

JANANI S

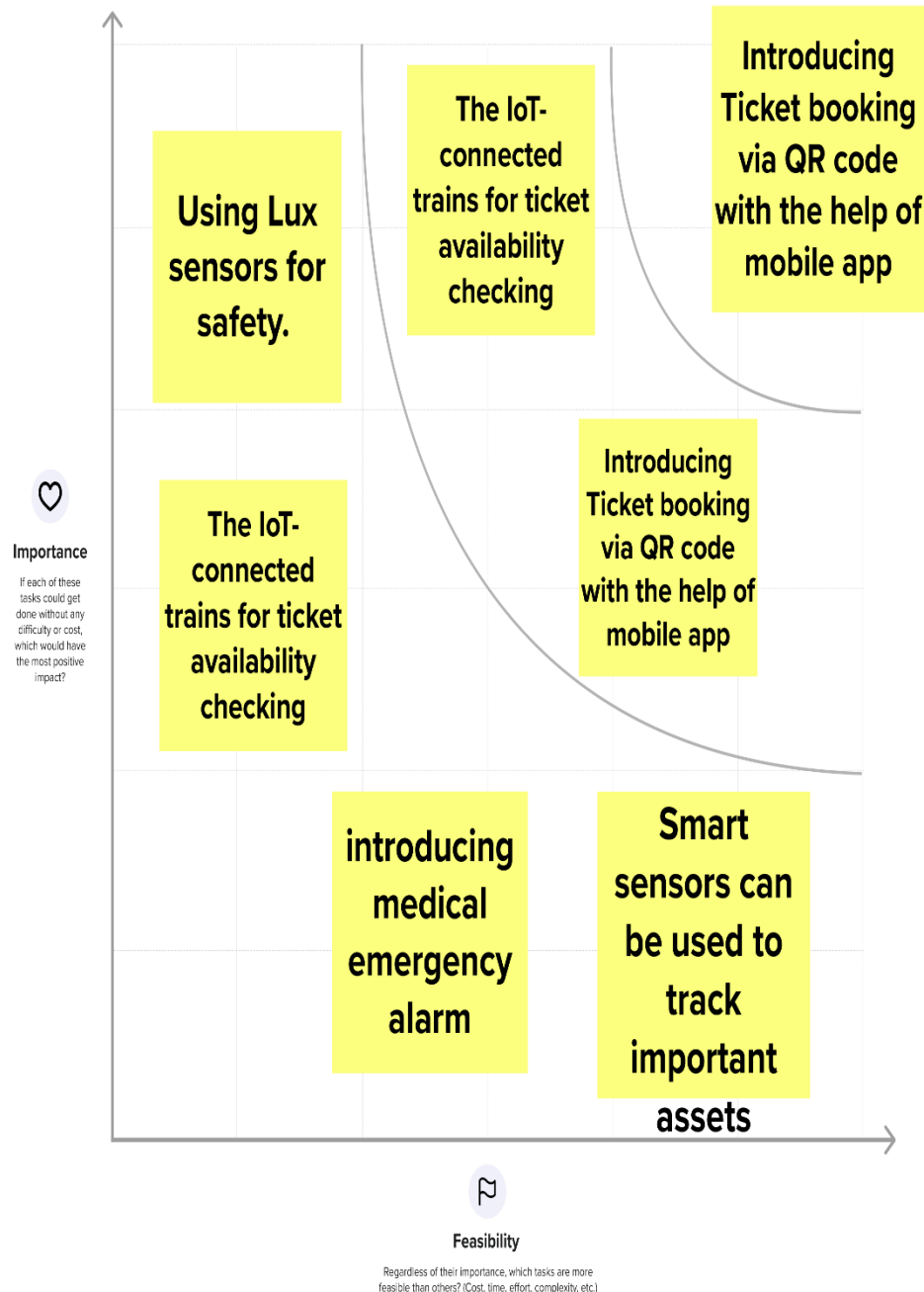|	
Emergency E-stop Button through IoT	Introduce a Medical Emergency indicator button through a App
Smart sensors can be used to track important assets	enable predictive maintenance

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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**

Importance

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

Using Lux sensors for safety.

The IoT-connected trains for ticket availability checking

Introducing Ticket booking via QR code with the help of mobile app

The IoT-connected trains for ticket availability checking

Introducing Ticket booking via QR code with the help of mobile app

introducing medical emergency alarm

Smart sensors can be used to track important assets

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

→

After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

A | **Share the mural**
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

B | **Export the mural**
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

Strategy blueprint
Define the components of a new idea or strategy.
Open the template →

Customer experience journey map
Understand customer needs, motivations, and obstacles for an experience.
Open the template →

Strengths, weaknesses, opportunities & threats
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.
Open the template →

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