


# Ideation Phase

## Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID18159
Project Name	Project – Smart Solutions For Railways
Maximum Marks	4 Marks

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



### 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  
👤 3-6 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

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**1 Team gathering**  
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

**2 Set the goal**  
Think about the problem you'll be focusing on solving in the brainstorming session.

**3 Learn how to use the facilitation tools**  
Use the Facilitation Superpowers to run a happy and productive session.

[Open a slide](#)

**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

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PROBLEM

**To save time of people in metropolitan cities and reducing their workload by creating a web application for safe and secure travel**

Key rules of brainstorming

To run an smooth and productive session

⌚ Stay on topic.

⌚ Defers judgement.

🗣️ Use the volume.

💡 Encourage wild ideas.

👂 Listen to others.

👁️ If possible, be visual.

### Step-2: Brainstorm, Idea Listing and Grouping

**3 Brainstorm**

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

⌚ 10 minutes

**Tip**

Use your volume to share ideas and let the group build on them. Don't be afraid to share your ideas.

**Vishail S**

- Incorporating GPS feature for live tracking
- Measures to prevent Proxy travel
- Importance to user preference of seat number
- Online ticket booking application

**Aruna S**

- Discount offer for regular passengers
- Reducing paper wastage
- Details about user stored in cloud
- E-Tickets generation

**Gayathri V**

- Last minute booking
- Availability for 24\*7
- Benefits for divyang people
- Allowing customers to give feedback

**Karthika M**

- First come first serve basis
- Refundable options
- Booking tickets via online
- Empty seats are informed

**Logadevi Chitra Banu M**

- Features for scanning QR Codes
- Features for scanning QR Codes
- Live updation about train's arrival and departure time
- Generation of QR Code

**4 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 can break it up into smaller sub-groups.

⌚ 20 minutes

Core Application

QR Code generation

Online ticket booking application

Live updation about train's arrival and departure time

Details about user stored in cloud

Reducing paper wastage

Additional Application

Refundable options

Last minute booking

E-Tickets generation

Availability for 24\*7

Empty seats are informed

Allowing cancellation of tickets

## Step-3: Idea Prioritization

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### 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.

🕒 30 minutes

