Ideation Phase
Brainstorm & Idea Prioritization Template

Team ID	PNT2022TMID46884
Project Name	Smart Solutions For Railways
Maximum Marks	4 Marks

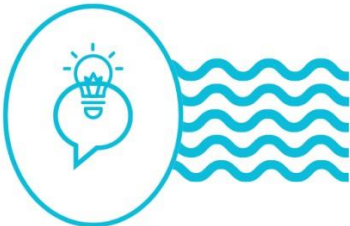**Brainstorm & Idea Prioritization Template:**

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-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

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.

Reference: https://www.mural.co/templates/empathy-map-canvas

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

Step-2: Brainstorm, Idea Listing and Grouping

②

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

ADITHYA

- Case of accessibility
- Unique ID is issued
- Validity of Tickets

KAVIYARASAN

- Reduces labour Work
- Efficient Booking system
- Greater reliability and safety

MOHAMED JASIR

- Data are secured
- QR code can be bought easily anytime
- Data are confidential

VETRIVEL

- Integrated Ticketing
- User Friendly
- Ticket availability can be accessable

ARISUDHAN

- Location of train can be viewed using GPS module
- QR code accessibility
- Efficient simple and cost efficient

③

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 clusters is higger than six sticky notes, try and see if you are breaks it up into smaller sub groups ⏱ 20 minutes

Ticket
- Efficient Booking system
- Validity of Tickets
- Integrated Ticketing
- Only Registered user can book Tickets

Data Security
- Datas are Secured
- Datas are Confidential
- Data will be safe

GPS Location Tracking
- GPS Facilities
- GPS facility is used for validation of tickets
- Location of train can be viewed using GPS module

Unique ID for Passengers
- Unique ID is issued
- Unique passenger ID will be generated
- Login credentials are available for individual persons

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 and to determine which ideas are important and important and which are feasible
20 minutes

♥
Important

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

Unique passenger ID will be generated

Effective and simple

Reliable to Passengers

Location of Train can be tracked by using GPS

Validity of Tickets

Login credentials are available for individual passenger

Solves the time complexity issues

Cost Effective