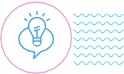
Ideation phase

**Brainstorm & Idea Prioritization**

|  |  |
| --- | --- |
| **Date** | **07 october 2022** |
| **Team ID** | **PNT2022TMID47588** |
| **Project Name** | **Smart solution for railways** |
| **Maximum Mark** | **4 Marks** |

**Brainstrom &idea prioritization: Step 1: Problem Statement**



**Brainstorm**

**& idea prioritization**

1 **Problem Statement**

passengers are uncomfortable by random seat allocation. This allocation mechanism divides families into different compartments, and physical tickets can unfortunately be misplaced or torn. Long-haul passengers prefer window seats, and the issue of ticket loss has a significant impact on them.

**Template**

Step2: Brainstorm



**2 Brainstorm**

**A.Swathi**

Providing a QR code that contains the passenger's data

Keeping passenger information, including a photo, in the cloud

**S.Megha**

Employing biometric scanning,

provide a link display the tickt information along with OTP

Allowing passenger name-based web application access for E- ticket Download

**R.Saranya**

**R.Gomathi**

Supplying a badger or wristband with a bar for passenger's details

Creat a web application that display passenger's details

Offering passenger's a short identifying number that contains the information of the passenger's

Making a mobile app that displays the reservation ticket

Using face detection system to recognise the traveller

Supplying a card with a sensor that has the passenger's details

Verifying passenger information with Aadhar card number providing during ticket booking.

Step-3: idea Grouping



**3 Brainstorm as a group**

Offering passenger's a short identifying number that contains the information of the passenger's

Keeping passenger information, including a photo, in the cloud

Supplying a card with a sensor that has the passenger's details

Employing biometric scanning,

Supplying a badger or wristband with a bar for passenger's details

Making a mobile app that displays the reservation ticket

**Internet based**

Providing a QR code that contains the passenger's data

provide a link display the tickt information along with OTP

Using face detection system to recognise the traveller

**cloud technology based**

Verifying passenger information with Aadhar card number providing during ticket booking.

Allowing passenger name-based web application access for E- ticket Download

Creat a web application that display passenger's details

WEB Application Based

Step-4: idea prioritization



**4 Prioritize**

Making a mobile app that displays the reservation ticket

**Importance**

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

Creat a web application that display passenger's details

Verifying passenger information with Aadhar card number providing during ticket booking.

Supplying a card with a sensor that has the passenger's details

Employing biometric scanning,

Using face detection system to recognise the traveller

Keeping passenger information, including a photo, in the cloud

**Feasibility**

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

Providing a QR code that contains the passenger's data

Supplying a badger or wristband with a bar for passenger's details