

Ideation Phase

Brainstorm & Idea Prioritization

Template

| | |
|---------------|------------------------------|
| Date | 04 November 2022 |
| Team ID | PNT2022TMID27787 |
| 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.

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

Template



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.

[Open article](#) ➔

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

To find out the effective and predictive analysis about the heart diseases.



Key rules of brainstorming

To run an smooth and productive session

🗣️ Stay in topic.

💡 Encourage wild ideas.

⏸️ Defer judgment.

👂 Listen to others.

🗣️ Go for volume.

👁️ If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

🕒 10 minutes

TIP



You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

Team Leader Siva raman B

| | | |
|--|--------------------------------------|--------------------------------|
| platform should support in all devices | we should include filter option | It should be user friendly |
| It should be interactive | Should contain the valid information | User can access from any where |

Team member1 Lakshman raj E

| | | |
|----------------------------------|-------------------------------------|--------------------------------------|
| To analyse the problem | It should reach the best filtration | Should not contain unwanted coloumas |
| It should include several stages | They must be in the coherent order | Data should be valid |

Team member 2 Shabin raj SC

| | | |
|------------------------------|--|-----------------------------------|
| Data cleaning must be done | Data gathering | User interface at client side |
| Helps in preventing the loss | Predicting the events in previous itself | It should not be too long process |

Team member 3 Riaz Khan A

| | | |
|--|-----------------------------|-----------------------------|
| Should not use multiple algorithms | Provide effective solutions | Helps in many organisations |
| Easy to get separation of the particular information | It should be responsive | Data should be integrity |

Step-3: Grouping

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 cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 20 minutes

TICKET

STUDENT
REWARDS
SYSTEM

VALIDITY
OF
TICKETS

INTEGRATED
BOOKING

ONLY
REGISTERED
USER CAN
BOOK
TICKETS

DATA SECURITY

DATA ARE
SECURED

DATA ARE
PROTECTED BY

DATA WILL
BE SAFE

GPS LOCATION TRACKING

GPS
TRACKING

GPS TRACKING
IS USED FOR
VALIDATION
TICKETS

GPS TRACKING
PROVIDES
TRACKING OF
USER GPS
LOCATION

UNIQUE ID FOR PASSENGERS

UNIQUE ID
IS ISSUED

UNIQUE ID IS
GENERATED
FOR EACH
PASSENGER

UNIQUE ID IS
GENERATED
FOR EACH
PASSENGER

Step-4: Idea Prioritization

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?

UNIQUE PASSENGER ID WILL BE GENERATED

EFFECTIVE AND SIMPLE

RELIABLE TO PASSENGERS

VALIDITY OF TICKETS

LOG IN CREDENTIALS ARE AVAILABLE FOR INDIVIDUAL PERSONS

COST EFFECTIVE

SOLVES THE TIME COMPLEXITY ISSUES

LOCATION OF TRAIN CAN BE TRACKED BY USING GPS

TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.

→

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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