

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	20 October 2022
Team ID	PNT2022TMID51401
Project Name	VirtualEye-life guard for swimming pools to detect active drowning
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

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

➔

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

How might we book tickets using QR Code in railway ticket booking system?

PROBLEM


How might we get the details of the passengers?

PROBLEM

How might we track the location?

PROBLEM

How might we get the unique ID?



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

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once sticky notes have been grouped, give each cluster a sentence-like label. If a cluster bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

20 minutes

Ticket

Efficient boarding system

Security of boards

Integrated boarding

One registration, one scan, one boarding

Data security

Secure and accurate

Secure and trustworthy

Data will be safe

GPS LOCATION TRACKING

GPS location

GPS location is used to determine the route

Tracking the location using GPS location

UNIQUE ID OF PASSENGER

Unique ID is issued

Unique ID is given to all passengers

Each passenger has a unique ID

Step-3: Idea Prioritization

