

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	12 September 2022
Team ID	PNT2022TMID03446
Project Name	ANALYTICS FOR HOSPITALS' HEALTH-CARE DATA
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.

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
- 👤 2-9 people recommended

🗨️ Share template feedback

### 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

#### Team gathering

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

#### Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.

#### Learn how to use the facilitation tools

Use the Facilitation Superpowers to run a happy and productive session.

Open article →

### 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 [your problem statement]?

PROBLEM STATEMENT - THE GOAL IS TO ACCURATELY PREDICT THE LENGTH OF STAY FOR EACH PATIENT ON CASE BY CASE BASIS SO THAT THE HOSPITALS CAN USE THIS INFORMATION FOR OPTIMAL RESOURCE ALLOCATION AND BETTER FUNCTIONING.

### 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.

### 2 Brainstorm

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

🕒 10 minutes

### 3 Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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

**PROYASH HARSHINI K**

- TO MAKE HOSPITALS PREPARED TO HANDLE THE INFLUX OF UNEXPECTED CASES
- TO HELP HOSPITALS TO IMPROVE PLANS FOR ANY FUTURE OUTBREAK OF THE DISEASE
- REGULARLY PERFORM HEALTH CHECKS TO MONITOR PEOPLE
- TO DETERMINE CAPACITY OF THE SYSTEM OR OVERHEALTH PERSONNEL
- EFFICIENT SOFTWARE TO HANDLE INFORMATION OF A HOSPITAL

**KOTEESWARAN V**

- TO HELP HOSPITALS IN RESOURCES ALLOCATION OF RESOURCES
- DISTRIBUTION OF MEDICAL RECORDS
- TO MAINTAIN DETAILS AND RESULTS OF THEIR TEST RESULT
- PROMOTION OF QUALITY CARE WHEN USING ELECTRONIC HEALTH RECORDS
- DELIVERY OF MEDICAL SERVICES USING TELEHEALTH
- TO ANALYZE AND MONITOR THE PATIENTS' HEALTH RECORDS

**SRIRAM V**

- LEVERAGE THE GENERAL INFORMATION OF INDIVIDUALS
- A SYSTEM TO MANAGE THE ACTIVITIES IN A HOSPITAL
- TO HELP HOSPITAL TO HANDLE EMERGENCY
- ANALYZE AND MONITOR THE OVERALL PERFORMANCE
- TO HELP IMPROVE THE EFFICIENCY
- TO HELP HOSPITALS TO HANDLE EMERGENCY
- TO HELP IMPROVE THE EFFICIENCY
- TO HELP IMPROVE THE EFFICIENCY

**VIGNESH E**

- TO ANALYZE AND MONITOR THE PATIENTS' HEALTH RECORDS
- TO HELP HOSPITALS TO HANDLE EMERGENCY
- TO HELP IMPROVE THE EFFICIENCY
- TO HELP IMPROVE THE EFFICIENCY
- TO HELP IMPROVE THE EFFICIENCY
- TO HELP IMPROVE THE EFFICIENCY
- TO HELP IMPROVE THE EFFICIENCY
- TO HELP IMPROVE THE EFFICIENCY

**THE HOSPITAL MANAGEMENT DASHBOARD PROVIDES A BREAKDOWN OF CRUCIAL STAFF AND PATIENT DATA.**

**THE HEALTHCARE DASHBOARD DISPLAYS KEY PIECES OF DATA RELATING TO PATIENTS' OVERALL HEALTH.**

**PATIENTS REQUEST FOR APPROVEMENT FOR ANY DOCTOR. THE DETAILS OF EXISTING PATIENTS ARE RETRIEVED BY THE SYSTEM. NEW PATIENTS UPDATE THEIR DETAILS IN THE SYSTEM BEFORE THEY REQUEST FOR APPROVEMENT.**

**PATIENTS DATA AND STATISTICS, DIAGNOSTIC TRENDS ARE RECORDED FOR FUTURE ANALYSIS.**

**THE HEALTHCARE EXECUTIVE DASHBOARD TO TRACKS IMPERATIVE TRENDS AND METRICS SURROUNDING THE HOSPITALS ACTIVITIES.**

**THE HEALTHCARE DASHBOARD PROVIDES A DETAILED BREAKDOWN OF THE GLOBAL COVID-19 SITUATION.**

**THE PATIENT EXPERIENCE DASHBOARD PROVIDES A DETAILED BREAKDOWN OF PATIENTS' SATISFACTION WITH VARIOUS HOSPITAL DEPARTMENTS.**

**THE PHARMACY DASHBOARD PROVIDES A DETAILED RECORDS OF MEDICINES AND RESOURCES.**

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?

**Feasibility**

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