

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	12 September 2022
Team ID	PNT2022TMID39445
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  
👥 2-8 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.

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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 [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.

## Step-2: Brainstorm, Idea Listing and Grouping

### 2 Brainstorm

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

10 minutes

**PRIVADHARSHINI K**

- TO MAKE HOSPITALS PREPARED TO HANDLE THE UNEXPECTED CRISIS
- TO HELP HOSPITALS TO ORGANISE PLANS FOR ANY OTHER WAYS OF THE FUTURE
- TO MAINTAIN PATIENT ETHICAL AND THEIR TEST RESULT
- TO DETERMINE AND RETRIEVE AN ACCEPTABLE OR PROPER HEALTH STATUS AND CURRENT STATUS
- EFFICIENT SOFTWARE TO HANDLE INFORMATION OF A HOSPITAL

**KOTEEWARAN V**

- TO HELP HOSPITALS IN PROPER ALLOCATION OF RESOURCES
- DIGITIZATION OF MEDICAL RECORD
- PROVIDING QUALITY CARE BY PROVIDING ELECTRONIC HEALTH RECORD
- DELIVERY OF REMOTE CLINICAL SERVICES USING TELE-MEDICINE
- ANALYSIS OF PATIENTS' REQUEST FOR APPOINTMENT

**SHRIKANTH V**

- LEVERAGE THE SPECIAL INFORMATION OF HOSPITALS
- A SYSTEM TO MANAGE THE ACTIVITIES IN HOSPITAL
- TO HELP HOSPITALS TO HANDLE EMERGENCY
- TO HELP HOSPITALS TO OVERCOME ANY AMBIGUITY OF DIAGNOSIS
- ANALYSIS OF PATIENTS' REQUEST FOR APPOINTMENT
- UPDATES REGARDING TREATMENT METHODS AND EQUIPMENTS

**VIGNESH E**

- TO ANALYZE AND RETRIEVE REQUEST FOR APPOINTMENT AND PROBABLY TO ADD TO LOGS
- TO HELP HOSPITALS UTILIZE THE RESOURCES EFFICIENTLY
- TO PREDICT THE FUTURE HAPPENING
- TO SHARE REQUESTS REGARDING MEDICAL WANTS
- A SYSTEM FOR RETRIEVE REQUEST FOR APPOINTMENT FOR ANY DOCTOR

### 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

**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.

**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.

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

**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.

**EFFICIENT SOFTWARE TO HANDLE INFORMATION OF A HOSPITAL**

**PROVISION OF QUALITY CARE WHEN USING ELECTRONIC HEALTH RECORDS**

**TO HELP HOSPITALS IN ORGANISING STAFF DUTIES AND ANALYZE THEIR WORKING ABILITIES**

## 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 grid to determine which ideas are important and which are feasible.

20 minutes