# Ideation Phase Ideation(Brain Strom)

Date	19 October 2022
Team ID	PNT2022TMID36912
Project Name	Project – Analytics For Hospital's Health-Care
	Data
Maximum Marks	2 Marks



## **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.

(L) 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

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

the brainstorming session.

Set the goal
Think about the problem you'll be focusing on solving in

Learn how to use the facilitation tools Use the Facilitation Superpowers to run a happy and

### 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.

① 5 minutes

PROBLEM STATEMENT

Recent Covid-19 Pandemic has raised alarms over one of the most overlooked areas to focus: Healthcare

Management. While healthcare management has various use cases for using data science, patient length of stay is one critical parameter to observe and predict if one wants to improve the efficiency of the healthcare management in a hospital.

This parameter helps hospitals to identify patients of high LOS-risk (patients who will stay longer) at the time of admission. Once identified, patients with high LOS risk can have their treatment plan optimized to minimize LOS and lower the chance of staff/visitor infection. Also, prior knowledge of LOS can aid in logistics such as room and bed allocation planning.

Suppose you have been hired as Data Scientist of Health Man – a not for profit organization dedicated to manage the functioning of Hospitals in a professional and optimal manner.

#### GOAL:

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. The length of stay is divided into 11 different classes ranging from 0-10 days to more than 100 days.

that address your problem statement. ① 10 minutes **ENITHA BAGYALAKSHMI** Easy to efficiency access checks facilities issues mproved updates o modern accuracy nfrastructure situations echnologies LOGESHWARI **DIVYADHARSHINI** Effective Quick service security priority contro

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 and break it up into smaller sub-groups. ① 20 minutes

> Quality control

> > Technical facilities and

> > > Issues

Access to Stay permission and facilities

patient's satisfaction

Doctor

related

issues

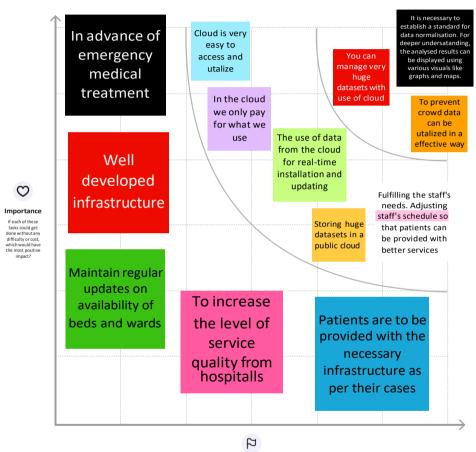
Prioritize

① 20 minutes

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.



Feasibility

feasible than others? (Cost, time, effort, complexity, etc.)

Share template feedback

rectification of issues

Brainstorm

Write down any ideas that come to mind

Updated Datas

**Imediate**