


## IDEATION PHASE

### BRAINSTORM & IDEA PRIORITIZATION

DATE	4 October 2022
TEAM ID	PNT2022TMID15358
PROJECT NAME	STATISTICAL MACHINE LEARNING APPROACHES TO LIVER DISEASE PREDICTION
MAXIMUM MARK	4 Marks




### Brainstorm & Idea Prioritization:


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




### 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

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**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

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**PROBLEM**

How might we [your problem statement]?



#### Key rules of brainstorming

To run a 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

Arul Jeevika

helps to reduce the burden on the doctor by analyzing patients conditions

Divyabharathi

It gives best accuracy

Iswarya

Possible to diagnose people based on symptoms

Jeno

It gives an idea of how machine learning helps in medical field

It helps people to know their results quickly

It has increasing scope in future

Has significantly higher accuracy for predicting liver disease

Provides betterment for patients

Easily identifies the disease

Highly beneficial for a large section of society

People can quickly start the necessary steps

Predicts the accuracy based on specific algorithms

TIP

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

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

Cost efficient for the patients

User friendly

Saves patient time

Easy identification using algorithms

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

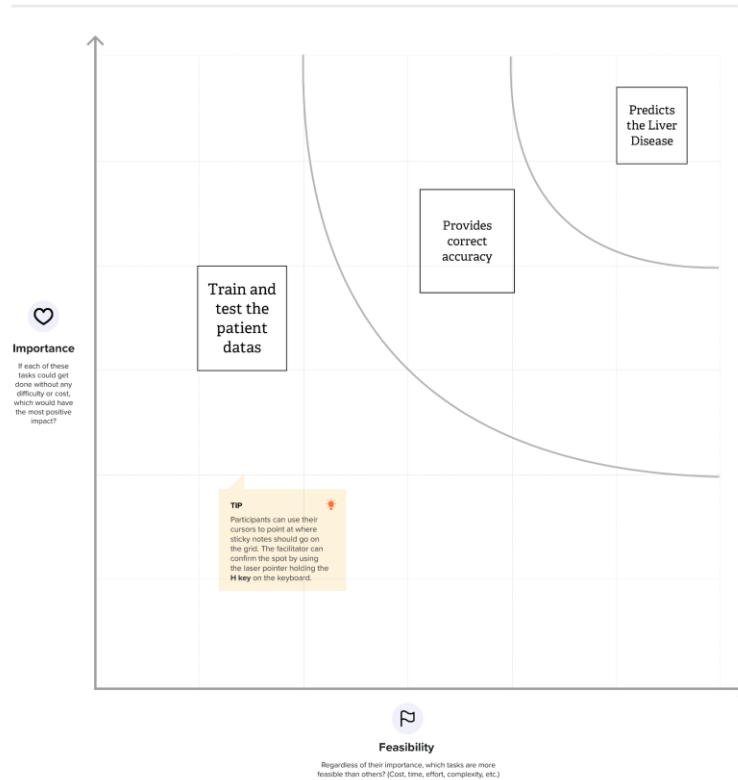
## Step-3: Idea Prioritization

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



➔

### 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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