

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	1 JUNE 2025
Team ID	LTVIP2025TMID33932
Project Name	Revolutionizing Liver Care : Predicting Liver Cirrhosis using Advanced Machine Learning Techniques
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/brainstorm-and-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 your turn isting.

- 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**

Encourage wild ideas. No judgment Build on others' suggestions.

B

**Set the goal**

Identify a real world problem from the SmartBridge bedificate themes and generate a tech based solution idea:

C

**Learn how to use the facilitation tools**

Learn how to see the Facilitation supervoywers a productive session

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**1**


### Define your problem statement

A little bit of preparation goes a long way this session Here's what you need to do get go'n

5 minutes

**PROBLEM**

Liver cinrhosis is a chronic liver disease often-diagnosed unto data stagger, making trasient less reffective. With recignive,, withhold tvealth issues, there is a needi for eatly detecscion. Traditional methosis rely on charter secis and aubbcsise modications. We dish is develop a me thre werimg, model hot, can occdrately predict the want oon of live cirrhosis from non-irvisive clinical and



### Key rules of brainstorming

To run an smooth and productive session

Stay in topic.

Encourage wild ideas.

Deter 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

**Person 1**

- Use Google Maps API to get location data
- Use weather data to predict traffic
- Use event data to predict traffic

**Person 2**

- Build a web app to display traffic data
- Use a map to display traffic data
- Use a chart to display traffic data

**Person 3**

- Use a map to display traffic data
- Use a chart to display traffic data
- Use a table to display traffic data

**Person 4**

- Use a map to display traffic data
- Use a chart to display traffic data
- Use a table to display traffic data

### 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

## 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

**Importance**

- High priority: ideas that are important and feasible
- Medium priority: ideas that are important but not feasible
- Low priority: ideas that are not important and not feasible

**Feasibility**

- High priority: ideas that are important and feasible
- Medium priority: ideas that are important but not feasible
- Low priority: ideas that are not important and not feasible