

# Rising Waters: A Machine Learning Approach to Flood Prediction

DATE	28-02-2026
TEAM ID	LTVIP2026TMIDS89043
PROJECT NAME	Rising Waters: A Machine Learning Approach to Flood Prediction
MAXIMUM MARKS	4 MARKS

## 2.3 BRAINSTORMING:

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 you're not sitting in the same room.

10 minutes to prepare  
1 hour to collaborate  
2-8 people recommended

**Before you collaborate**

**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.

**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.

**PROBLEM**  
How might we [your problem statement]?

**Key rules of brainstorming**

To run a smooth and productive session

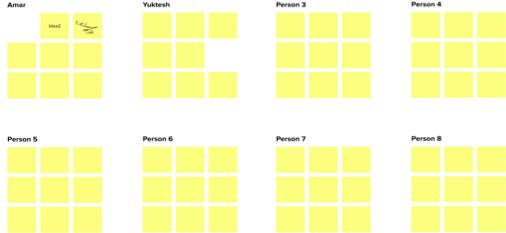
- Stay in topic.
- Encourage wild ideas.
- Defer judgment.
- Listen to others.
- Go for volume.
- If possible, be visual.

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

**2 Brainstorm**  
Write down any ideas that come to mind that address your problem statement.  
 10 minutes

**TIP**  
You can select a sticky note and hit the pencil [Underneath] icon to start drawing!



**3 Group ideas**  
Participants 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

**TIP**  
Add customizable tags to sticky notes to make it easier to find, review, organize, and prioritize ideas as themes within your mural.

## Step-3: Idea Prioritization

