Ideation Phase
Brainstorm & Idea Prioritization Template

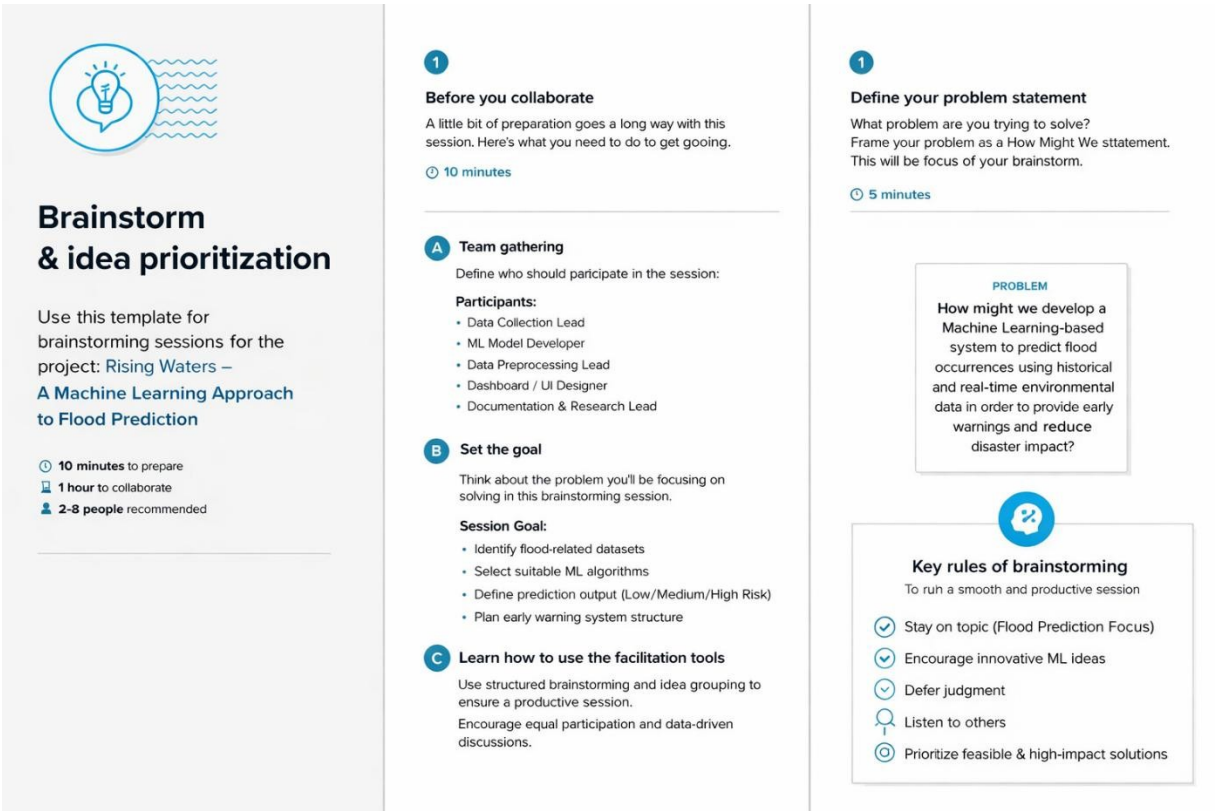
Date	16 February 2026
Team ID	LTVIP2026TMIDS48526
Project Name	Rising Waters – A Machine Learning Approach to Flood Prediction
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming in our project provided an open and collaborative environment where all team members actively contributed ideas related to flood prediction using machine learning. We focused on generating innovative solutions for early warning systems, disaster response planning, and infrastructure resilience.

Instead of judging ideas immediately, we encouraged creative and data-driven suggestions, including different machine learning models, datasets, and real-time alert mechanisms. After generating multiple ideas, we prioritized them based on feasibility, societal impact, data availability, and technical complexity to finalize the most effective solution for our project.

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



Step-2: Brainstorm, Idea Listing and Grouping

Brainstorm

Write down any ML models, datasets, or ideas that address the flood prediction problem using sticky notes. Don't hesitate to suggest innovative ideas, even if they seem unconventional initially.

30 minutes

Amar

Rainfall data

Vaidehi

Person 3

Person 5

Person 6

Person 8

Person 7

Person 8

Person 9

Grouping Ideas

Share and organize ideas generated during the brainstorming session. Group similar or related ideas together to form clusters that can inform the flood prediction system.

20 minutes

Person 4

TIP

Combine related ideas together. Give each group a category name to label it. If a group has too many notes, break it into smaller sub-groups.

Step-3: Idea Prioritization

Our team should all be on the same page about which flood prediction ideas have the highest societal impact and are the most feasible. Place your ideas on this grid to determine the best prioritization.

20 minutes