

Ideation Phase

Brainstorming

Date	21 Feb 2026
Team ID	LTVIP2026TMIDS43213
Project Name	Translingua: ai-powered multi-language translator
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.

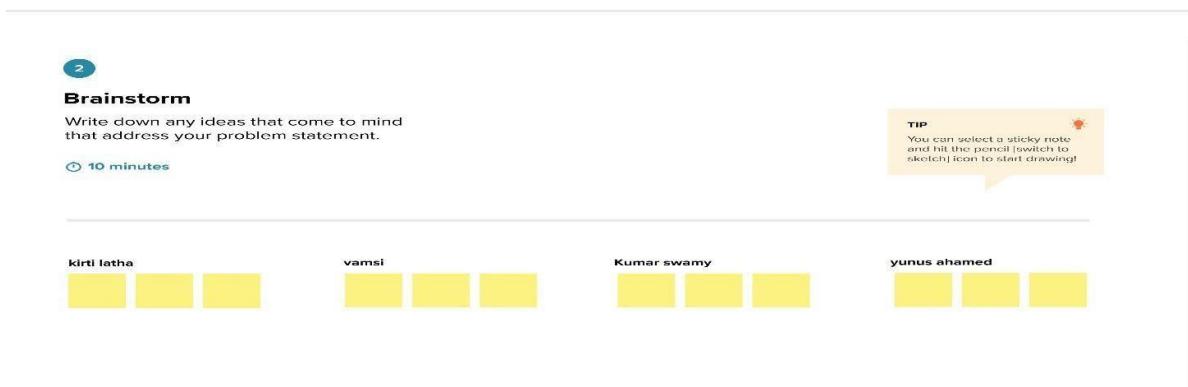
Step-1: Team Gathering, Collaboration and Select the Problem Statement



A digital card for the 'Smart Sorting' project. It features a lightbulb icon and wavy lines at the top left. The title 'Smart Sorting' is at the top right. Below the title is a brief description: 'Smart Sorting is an innovative project focused on enhancing the precision and efficiency of detecting rotten fruits and vegetables.' At the bottom left is the text 'Brainstorm & idea prioritization'.

1 Post-harvest losses due to spoiled produce affect both retailers and consumers. Traditional visual sorting techniques fail to keep up with high volumes and often miss early signs of rot. This project uses transfer learning to develop a machine learning-based detection system that distinguishes fresh fruits and vegetables from rotten ones. This automation helps ensure food quality, reduce wastage, and boost consumer trust.

Step-2: Brainstorm, Idea Listing and Grouping



A digital interface for a brainstorming session. At the top left is a 'Brainstorm' section with instructions: 'Write down any ideas that come to mind that address your problem statement.' and a timer icon '10 minutes'. To the right is a 'TIP' box: 'You can select a sticky note and hit this pencil/icon to sketch!'. Below these are four columns for listing ideas, each with a name and three yellow sticky notes:

- Kirti latha**: Three yellow sticky notes.
- Vamsi**: Three yellow sticky notes.
- Kumar swamy**: Three yellow sticky notes.
- yunus ahamed**: Three yellow sticky notes.

3

Group ideas

Idea is to build the application to detect whether the given input image of Fruits & Vegetables are healthy or rotten using some software's and webpage.

Step-3: Idea Prioritization

4

Prioritize

The building of project is completely based on the priorities of the application needed at most, for our project the first priority is to download dataset and train a model for the downloaded dataset.

