

Idea on Phase Brainstorm & Idea Priori za on Template

Date	30 June 2025
Team ID	LTVIP2025TMID35313
Project Name	Pa ern Sense: Classifying Fabric Pa erns using Deep Learning
Maximum Marks	4 Marks


Brainstorm & Idea Priori za on Template:

Brainstorming provides a free and open environment that encourages everyone within a team to par cipate in the crea ve thinking process that leads to problem solving. Priori zing volume over value, out-of-the-box ideas are welcome and built upon, and all par cipants are encouraged to collaborate, helping each other develop a rich amount of crea ve solu ons.

Use this template in your own brainstorming sessions so your team can unleash their imagina on and start shaping concepts even if you're not si ng in the same room.

Reference: <https://www.mural.co/templates/brainstorm-and-idea-priori-za-on>

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



**Brainstorm
& idea prioritization**

Smart Sorting is an innovative project focused on enhancing the precision and efficiency of detecting rotten fruits and vegetables

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 build an image-based classification 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 Lis ng and Grouping

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In a large food processing plant, workers manually sort through thousands of fruits and vegetables only to separate the rotten ones from the fresh produce. This process is time-consuming, prone to human error, and labor-intensive. By implementing a smart sorting system that utilizes transfer learning for image recognition, the plant can automate this task.

Gayatri Priyanka

Sarini

Venkata Rahul

Pradeep

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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 Priori za on

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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.

