Ideation Phase
Brainstorm & Idea Prioritization Template

Date	27 June 2025
Team ID	LTVIP2025TMID41438
Project Name	GrainPalette - A Deep Learning Odyssey In Rice Type Classification Through Transfer Learning
Maximum Marks	4 Marks

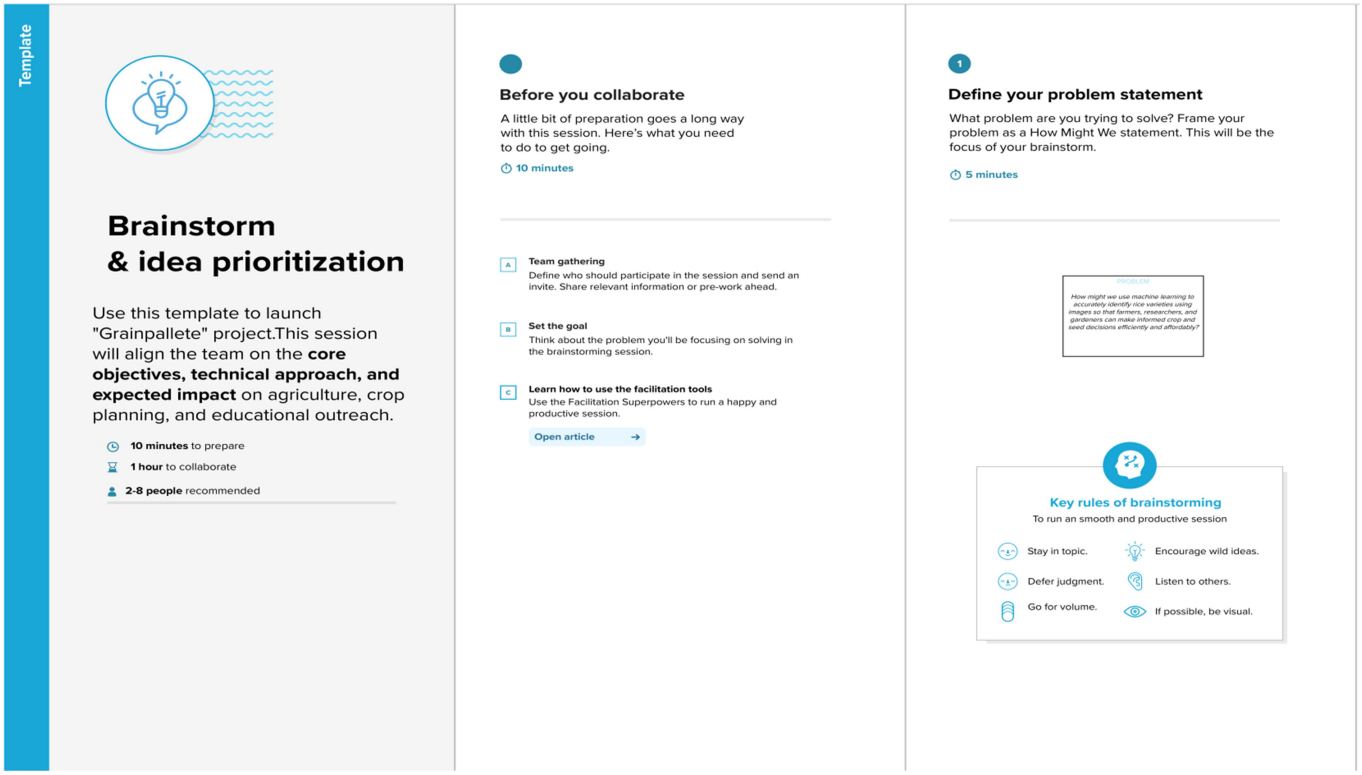
Brainstorm & Idea Prioritization Template:

Brainstorming plays a crucial role in generating creative, practical, and impactful solutions. In this project, our aim is to build a robust deep learning model capable of classifying various rice grain types from images. This model is especially useful for farmers, agri-researchers, and home growers. The brainstorming session allowed our team to explore multiple technical and user-centered possibilities ranging from dataset design, model selection, and feature optimization to user experience and community-level impact.

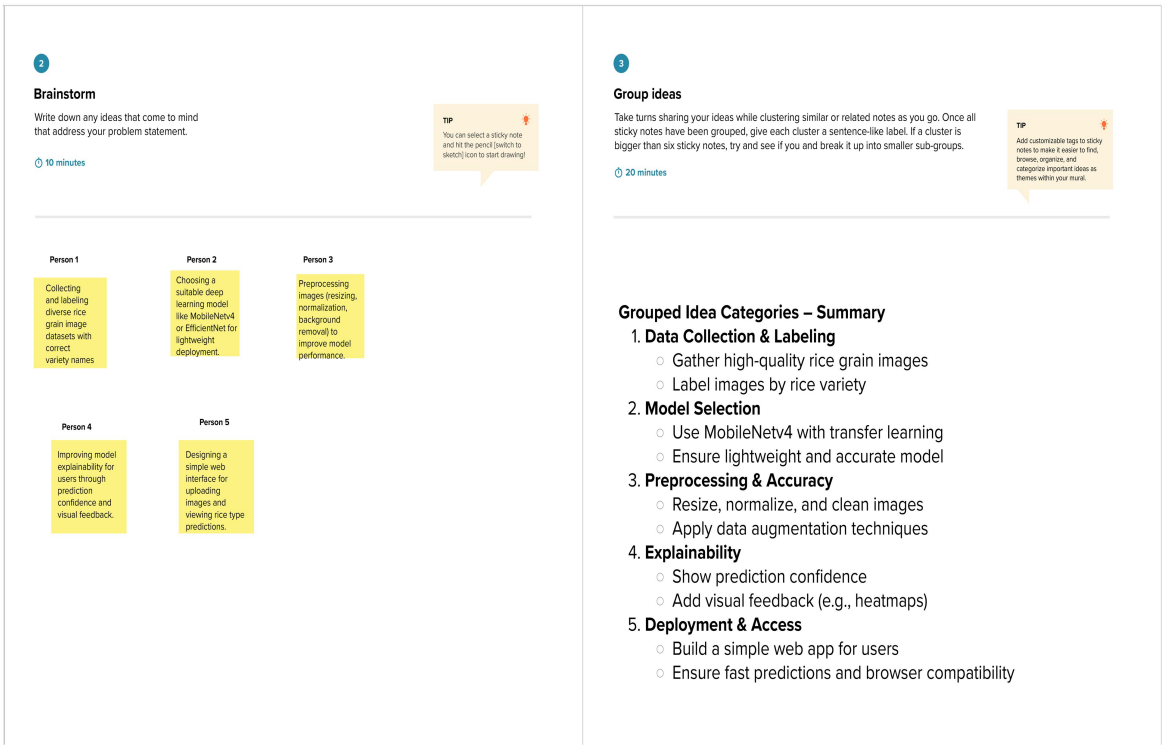
This template helps structure our thought process, allowing the team to:

- Identify innovative solutions using AI in agriculture
- Address real-world agricultural challenges
- Align deep learning technologies with farmer-centric applications
- Evaluate feasibility, scalability, and real-world usability of proposed ideas

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



Step-2: Brainstorm, Idea Listing and Grouping



Step-3: Idea Prioritization