Ideation Phase
Define the Problem Statements

Date	19/05/2025-30/6/2025
Team ID	LTVIP2025TMID39191
Project Name	GrainPalette - A Deep Learning Odyssey In Rice Type Classification Through Transfer Learning
Maximum Marks	2 Marks

User Problem Statement:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A farmer preparing for the upcoming planting season.	Identify the exact types of rice seeds in my inventory.	I don't have an easy or reliable way to classify rice varieties visually or manually.	Traditional identification methods are slow, costly, and require expert help	Uncertain and anxious about planning crop schedules, irrigation needs, and fertilizer application.
PS-2	A home gardener or student interested in learning about rice varieties.	Explore and identify different types of rice grains from seeds or small harvests.	I don't have access to easy-tounderstand resources or tools for rice identification.	Available information is technical and not suited for beginners.	Confused and discouraged from learning about rice biodiversity and sustainable gardening.