Ideation Phase
Define the Problem Statements

Date	19 February 2026
Team ID	LTVIP2026TMIDS83873
Project Name	Smart-Sorting-Transfer-Learning-forIdentifying-Rotten-Fruits-and-Vegetables
Maximum Marks	2 Marks

Customer Problem Statement Template:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	a quality control worker at a food processing plant	quickly identify and remove rotten fruits and vegetables	manual sorting is slow and error-prone	it depends entirely on human inspection without automation	frustrated and worried about rejected batches or health risks
PS-2	a supermarket inventory manager	ensure only fresh produce is displayed for customers	I can't check large quantities efficiently	there's no automated system to detect spoilage during receiving	overwhelmed and concerned about customer satisfaction and wastage
PS-3	a tech-savvy household user	reduce food waste from forgotten spoiled items in my fridge	I don't always notice fruits or vegetables rotting	my fridge doesn't give me alerts or insights	guilty and wasteful when throwing away unused groceries