Ideation Phase
Define the Problem Statements

Date	31 January 2026
Team ID	LTVIP2026TMIDS52600
Project Name	Introduction to Smart Sorting – Transfer Learning for Identifying Rotten Fruits and Vegetables
Maximum Marks	2 Marks

Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

Reference: https://miro.com/templates/customer-problem-statement/

Example:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel

PS-1	Supermarket seller	Identify rotten fruits and vegetables quickly and accurately	It is difficult to manually check every item, and sometimes spoiled items are missed	Manual inspection takes time and human errors can happen	Frustrated and worried about customer complaints and financial loss
PS-2	A farmer	Soft fresh and rotten produce before sending to market	It is hard to detect spoiled items early	There is no automatic system and checking takes too much time	Stressed about losing money and product quality