Ideation Phase
Define the Problem Statements

Date	29 June 2025
Team ID	LTVIP2025TMID41462
Project Name	Smart Sorting : Transfer Learning For Identifying Rotten Fruits And Vegetables
Maximum Marks	2 Marks

Customer Problem Statement Template:

As a farmer/vendor/warehouse worker, I face difficulties in quickly and accurately identifying whether fruits and vegetables are fresh or rotten. Manual inspection is time-consuming, inconsistent, and often leads to spoilage, customer complaints, and financial losses. I need a fast, reliable, and easy-to-use solution that can help me sort produce based on quality, without requiring technical knowledge or manual effort.

I am	I'm trying to	But	Because	Which makes me feel
A homemaker	Buy only fresh fruits and vegetables	Sometimes I get stale or rotten items from the market	It's hard to identify the freshness visually	Frustrated and disappointed with my purchases
A vendor selling groceries	Sell only fresh items to my customers	I can't quickly check freshness of large quantities	Manual checking is time-consuming and unreliable	Worried about customer trust and losing business
A restaurant chef	Ensure all cooking ingredients are top quality	I receive spoiled or stale produce occasionally	My suppliers don't always inform me of freshness properly	Concerned about customer health and reputation
A student living in a hostel	Buy healthy food on a tight budget	I often end up buying low-quality vegetables from the local store	I lack knowledge and tools to assess freshness	Dissatisfied and confused when selecting produce
A health-conscious customer	Eat only nutritious and hygienic food	I can't differentiate rotten from fresh visually	Supermarkets don't label the freshness of loose produce	Anxious about food quality and health