Ideation Phase
Define the Problem Statements

Date	31 May 2025
Team ID	LTVIP2025TMID43861
Project Name	Transfer Learning-Based Classification of Poultry Diseases for Enhanced Health Management
Maximum Marks	2 Marks

Customer Problem Statement Template:

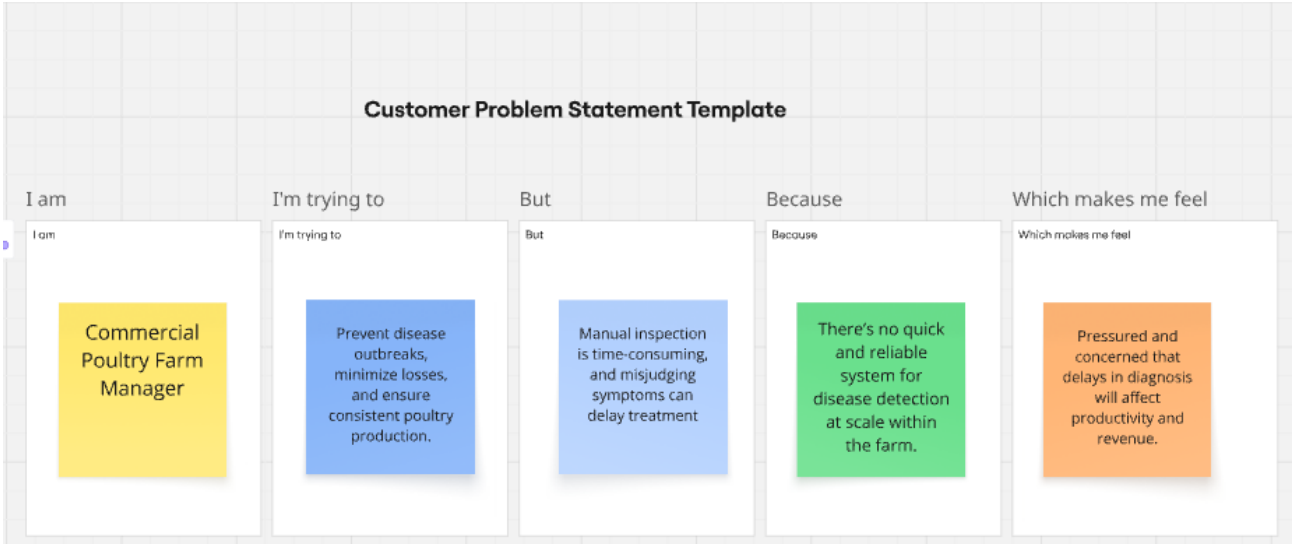
Understanding the challenges faced by poultry farmers is key to designing an effective disease detection system. This problem statement framework helps us empathize with farmers and develop AI-powered solutions that are not only accurate but also accessible and easy to use.

By clearly identifying the farmer's pain points, we can create a mobile-based poultry disease classifier that meets their real-world needs, improves livestock health, and prevents economic losses.

I am	A rural poultry farmer managing a small flock with limited resources
I'm tryin to	Detect and treat poultry diseases early
but	I can't recognize symptoms accurately or access a vet quickly when issues occur
because	Veterinary services are limited or unavailable in my area
which makes me feel	Helpless and stressed, with growing fear of bird losses

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: Rural Poultry Farmer	A rural poultry farmer managing a small flock with limited resources and no formal veterinary support.	Identify diseases in my birds early and take the right action to protect their health and avoid financial losses.	I can't recognize the symptoms accurately and there's no easy way to confirm what disease is affecting them.	I don't have access to trained vets or affordable diagnostic tools.	Stressed and worried, fearing I'll lose birds and income without timely help.
PS-2: Commercial Poultry Farm Manager	A commercial poultry farm manager responsible for monitoring the health of hundreds of birds.	Prevent disease outbreaks, minimize losses, and ensure consistent poultry production. .	Manual inspection is time-consuming, and misjudging symptoms can delay treatment.	There's no quick and reliable system for disease detection at scale within the farm.	Pressured and concerned that delays in diagnosis will affect productivity and revenue.