Ideation Phase
Define the Problem Statements

Date	31 January 2025
Team ID	LTVIP2025TMID43995
Project Name	Transfer Learning-based Classification of Poultry Diseases for Enhanced Health Management
Maximum Marks	2 Marks

Customer Problem Statement Template:

Reference: Customer Problem Statement - Miro

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	a small-scale poultry farmer in a rural area.	identify the disease affecting my chickens quickly.	I don't have access to veterinary professionals nearby.	the nearest clinic is too far and expensive to consult regularly.	helpless and worried about losing my income and livestock.
PS-2	a commercial poultry farm supervisor.	ensure disease outbreaks are prevented or contained early.	I rely on manual inspections which often miss early signs.	current practices are outdated and not scalable.	anxious about productivity loss and financial damage.
PS-3	a veterinary student.	learn how to diagnose poultry diseases with modern tools.	we don't have practical exposure to AI-based diagnostic systems.	our curriculum is mostly theory-based.	unprepared for future technological shifts in animal healthcare.
PS-4	a government agricultural officer.	support farmers in disease control.	I can't respond quickly to every case in remote villages.	resources are limited and spread thin.	ineffective in fulfilling my duties.
PS-5	a tech-savvy poultry business owner.	use AI tools to increase decision-making speed.	most available solutions are costly and not tailored to poultry.	current AI apps are focused on human or crop health.	excluded from the digital revolution in agriculture.
PS-6	a rural farmer who doesn't speak English fluently.	understand the symptoms and what treatment to give.	most diagnostic apps don't support my native language.	developers assume users are tech-literate and urban-based.	frustrated and left behind.
PS-7	an NGO worker supporting animal welfare.	educate farmers on disease management using affordable tools.	I can't find apps that are explainable and visual.	most AI tools are too technical.	like we're missing opportunities to build awareness effectively.