Ideation Phase
Poultry Diseases For Enhanced Health

Date	24 Jun 2025
Team ID	LTVIP2025TMID33049
Project Name	Transfer Learning-Based Classification of Poultry Diseases for Enhanced Health Management
Maximum Marks	4 Marks

Poultry Diseases For Enhanced Health :

An empathy map is a useful tool that helps us understand the farmer's daily challenges, emotions, and decision-making during poultry health issues.
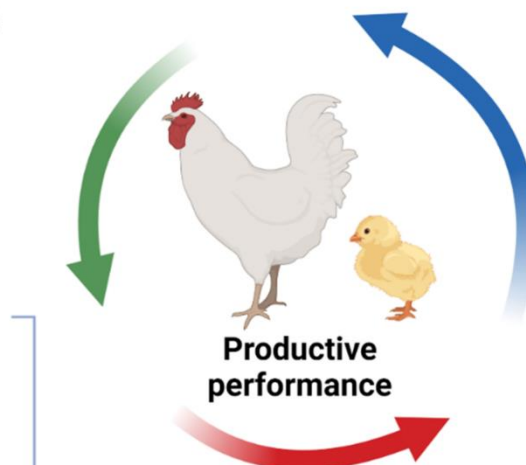
It allows us to create smarter solutions—like AI-based early disease detection—by seeing the problem from the farmer's perspective. This helps build tools that are accurate, accessible, and impactful for real-world poultry management.

Example:

Reference: https://www.sciencedirect.com/

Example:

Pathogens

Gut Mucosal Barrier

Microbiota

Epithelium

SCFA/metabolites production, Gut homeostasis
Immune system performance
Resilience to pathogens

Unbalanced Microbiota

Diversity

Complex Microbiota

Environmental transfer

Maternal transfer

No hen

Chick-Hen contact