Project Development Phase
Model Performance Test

Date	28 June 2025
Team ID	LTVIP2025TMID41715
Project Name	Transfer Learning-Based Classification of Poultry Diseases for Enhanced Health Management
Maximum Marks	4 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	
2.	Data Preprocessing	Image resizing (224x224), normalization, label encoding, augmentation (rotation, flip)
3.	Utilization of Data Filters	Filtered by disease category, farm location, date/time range, and prediction confidence level
4.	DAX Queries Used	PredictedCases = CALCULATE(COUNT('PoultryData'[CaseID]), 'PoultryData'[Prediction]="Infected") AccuracyRate = DIVIDE([CorrectPredictions], [TotalCases])
5.	Dashboard design	No of Visualizations / Graphs – 6 - Pie chart of disease distribution - Bar graph of prediction accuracy per disease - Line chart of outbreaks over time - Heatmap of affected regions - Confusion matrix - Filtered image preview grid
6	Report Design	No of Visualizations / Graphs -6 - Overview report with performance metrics - Disease-wise accuracy comparison - Area-wise risk mapping - Data quality indicators

		- Augmented image samples - User filter panel summary