Project Development Phase
Model Performance Test

Date	28 June 2025
Team ID	LTVIP2025TMID41159
Project Name	**Transfer Learning-Based Classification of Poultry Diseases for Enhanced Health Management**
Maximum Marks	10 Marks

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Metrics	**Regression Model:** MAE - , MSE - , RMSE - , R2 score - **Classification Model:** Confusion Matrix - , Accuray Score- & Classification Report -	
2.	Tune the Model	Hyperparameter Tuning - Validation Method -	

```
                  precision    recall  f1-score   support

     Coccidiosis       0.49      0.69      0.57       200
         Healthy       0.42      0.81      0.55       198
New Castle Disease      0.45      0.21      0.28       198
      Salmonella       0.85      0.17      0.29       200

        accuracy                           0.47       796
       macro avg       0.55      0.47      0.43       796
    weighted avg       0.55      0.47      0.43       796
```