**Project Development Phase**

**Model Performance Test**

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID32415 |
| Project Name | Poultry Disease Classification for Health Management |
| Maximum Marks |  |

**Model Performance Testing:**

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

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| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Model Summary | Model used: Transfer Learning (MobileNetV2)  Layers: 155  Trainable Parameters: 1,280  Non-trainable Parameters: 2,257,984  Model optimized with Adam optimizer  Loss Function: Categorical Crossentropy |  |
|  | Accuracy | Training Accuracy: 98.5%  Validation Accuracy: 97.8% |  |
| 3. | Fine Tunning Result( if Done) | **Validation Accuracy after Fine Tuning:** 98.2%  Fine-tuned last 30 layers for better generalization |  |