**Project Development Phase**

**Model Performance Test**

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| Date | 29 June 2025 |
| Team ID | LTVIP2025TMID59386 |
| Project Name | Transfer Learning-Based Classification of Poultry Diseases for Enhanced 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 | **-**ResNet18 (Pretrained) Layers Modified: Final FC Layer adjusted for 4 classes  Input Size: 224x224 RGB Optimizer: Adam  Loss Function: CrossEntropyLoss |  |
|  | Accuracy | Training Accuracy -  95.6%  Validation Accuracy -91.2% |  |
| 3. | Fine Tunning Result( if Done) | Validation Accuracy -93.5% |  |