**Project Development Phase**

**Model Performance Test**

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| Date | 10 February 2025 |
| Team ID | LTVIP2025TMID38849 |
| 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 | **Used a pretrained ResNet50 backbone with two added dense layers.** | [Fig. 1] |
|  | Accuracy | Training Accuracy - 95% on the training set.  Validation Accuracy -93% on the hold-out set. | | [Fig. 2] |
| 3. | Fine Tunning Result( if Done) | Validation Accuracy -rose to 94%. | [Fig. 3] | |