

**Project Development Phase
Model Performance Test**

Date	09 February 2025
Team ID	LTVIP2026TMIDS53438
Project Name	Dog Breed identification using transfer Learning
Maximum Marks	

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Pre-trained VGG19 (include_top=False) Input Shape: (128,128,3) Frozen Base Layers Added Flatten + Dense Layers Output Layer: 20 Classes (Softmax)	Attach Model Summary Screenshot
2.	Accuracy	Training Accuracy – 94% Validation Accuracy – 91%	Attach Training & Validation Accuracy Graph
3.	Fine Tunning Result	Validation Accuracy – 93% (After unfreezing top layers and retraining)	Attach Fine Tuning Result Screenshot