

Project Development Phase
Model Performance Test

Date	12 February 2026
Team ID	LTVIP2026TMIDS55747
Project Name	Hematovision: Advanced Blood Cell Classification 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	Transfer Learning based on the MobileNetV2 architecture, optimized for 4-class blood cell classification.	
2.	Accuracy	Training Accuracy: 96.2% Validation Accuracy: 94.8%	
3.	Fine Tuning Result(if Done)	Achieved a stable validation accuracy of 94.8% with a cross-entropy loss reduction after 20 epochs.	