Project Development Phase Model Performance Test

Date	29 June 2025	
Team ID	LTVIP2025TMID59847	
Project Name	Hematovision: Advanced Blood Cell Classification using Transfer Learning	
Maximum Marks	4 Marks	

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Metrics	Classification Model: • Confusion Matrix - Available • Accuracy Score - 0.95 • Classification Report - Included	Model: "sequential" Layer (type) Output Shape Param # mobilenetv2_1.00_224 (Func (None, 7, 7, 1200) 2257984 tional) global_average_pooling2d ((None, 1200) 0 GlobalAveragePooling2D) dense (Dense) (None, 4) 5124 Total_params: 2263108 (8.63 MB) Trainable_params: 24112 (133.25 KB)
2.	Tune the Model	Hyperparameter Tuning - Basic tuning applied Validation Method - Validation Split (20%)	Training vs Validation Accuracy 0.99 Training Accuracy Validation Accuracy 0.90 0.75 0.70 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0