## **Project Development Phase**

## **Model Performance Test**

Date	10 February 2025				
Team ID	LTVIP2025TMID36593				
Project Name	HematoVision: Advanced Blood Cell				
	Classification Using				
	Transfer Learning				
Maximum Marks					

## **Model Performance Testing:**

S.No.	Parameter	Values	Screenshot						
1.	Model Summary	MobileNetV2 (ImageNet weights) frozen base → GlobalAveragePooling2D → Dense (128, ReLU) → Dropout (0.3) → Dense (64, ReLU) → Dense (4, Softmax).	<b>₹</b>	<pre>model.summary()  /tmp/ipython-input-33-2 base_model = MobileNe</pre>	r-Adam(learning_rate- 251188516.py:7: User's tV2(weights-'imagenet tttps://storage.goog)	darning: `inpo et', include_ leapis.com/te	ut_shape is undefined top=false, input_shaps is undefined to  input_layer[0][0]  conv1[0][0]  bn_Conv1[0][0]  conv1_relu[0][0]  expanded_conv_de	metrics=['accuracy'])  med or non-square, or 'rows' is not i  pe=(244, 244, 3))  cations/mobilenet_v2/mobilenet_v2_we	
2.	Accuracy	Training Accuracy: 0.955 Validation Accuracy: 0.912 Test Accuracy: 0.739 Test Loss: 0.734	<u>₹</u>	loss, accuracy print(f"Test A print(f"Test L 374/374 Test Accuracy: Test Loss: 0.7	ccuracy: {accuoss: 4f	racy:.4f	}")	est)) Euracy: 0.7340 - loss: 0.	7524

