Project Development Phase Model Performance Test

Date	10 June 2025	
Team ID	LTVIP2025TMID41359	
Project Name	Hematovision: Advanced Blood Cell Classification	
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	Model: MobileNetV2 (Transfer	Matery = wold_filterals_openies_valinting_natured_versions) Each DI SEASON_CONTRACTOR (Contracted_values) SEASON_CONTRACTOR (Contr
	,	Learning) with an added Dense	abbliditement facilities ("Queenigh") geodetention overstablitisch statte geologischenstion ingelein werden, byz jetting 18. d. De sow it amonting agenty parties, facition in department in beson our it amont in amonting agenty parties, facition is recovered.
		layer. Total parameters: 2,586,948.	
		Trainable parameters: 328,964.	2007-001
		Non-trainable parameters:	Militarys - modification operation of the state of the st
		2,257,984.	y: 2.000
2.	Accuracy	Training Accuracy – 0.89.3 (from	from sklearn.metrics import confusion_matrix, accuracy_score from sklearn.metrics import classification_report y_test = test_images_lebels # set y_test to the expected output
		Epoch 12/15)	y_test b test_images_leads is set y_test to the expected output print(classification_report(y_test, pred2)) print("heuraxy of the Model:","i.i.fl",".i.fl", unport pred5ion_ercall fiscare_support
		Validation Accuracy - 0.81462	restinoshil 0.37 0.38 0.38 0.37 77 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		(from Epoch 12/15)	#scurecy 0.89 2088 macro avg 0.89 0.89 0.89 2988 weighted avg 0.89 0.89 0.89 2088
3.	Fine Tunning Result(if	Validation Accuracy -	Accuracy of the Model: 89.3% from sklearn.metrics import confusion_metrix, accuracy_score from sklearn.metrics import classification report
3.	Done)	Fine-tuning of the pre-trained	y_test = test_images.labels # set y_test to the expected output print(classification_report(y_test, pred2)) print("Accuracy of the Model:","[::19]X".format(accuracy_score(y_test, pred2)*100))
		MobileNetV2 base model was not	precision recall f1 score support cosinophil 0.87 0.81 0.87 725 lumphocyte 0.90 0.99 0.94 762
		performed. Only the newly added	monocyte 8.98 8.96 9.97 7.91 meutrophil 0.87 0.80 9.83 742 sccoracy 0.89 2988
		dense layer was trained.	macro avg 0.89 0.89 0.89 2988 wellshted avg 0.89 0.89 0.89 2988 Accuracy of the Model: 89.3%