Project Development Phase Model Performance Test

Date	10 November 2022		
Team ID	PNT2022TMID35991		
Project Name	Project - Al-Based Localization And Classification Of Skin Disease With Erythema		
Maximum Marks	10 Marks		

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Model Summary	-	Layer (type) Output Shape Paran # Connected to
	·		input_1 (InputLayer) (None, None, 3 0
			conv2d_1 (Conv20) (None, None, None, 3 864 input_1[0][0]
			batch_normalization_1 (BatchNor (None, None, None, 3 128 conv2d_1[0][0]
			leaky_re_lu_1 (LeakyReLU) (None, None, None, 3 0 batch_normalization_1[0][0]
			zero_padding2d_1 (ZeroPadding2D (None, None, None, 3 0 leaky_re_lu_1[0][0]
			conv2d_2 (Conv2D) (None, None, None, 6 18432 zero_padding2d_1[0][0]
			batch_normalization_2 (BatchNor (None, None, None, 6 256 conv2d_2[0][0]
			leaky_re_lu_2 (LeakyReLU) (None, None, None, 6 0 batch_normalization_2[0][0]
			batch_normalization_3 (BatchNor (None, None, None, 3 128 conv2d_3[0][0]
			leaky_re_lu_3 (LeakyReLU) (None, None, None, 3 0 batch_normalization_3[0][0]
			Conv2d_58 (Conv2D) (None, None, None, 1 4718592 Leaky_re_lu_57(8) (Particular of the conv2D) (Particular of the conv2D) Leaky_re_lu_57(8) (Particular of the conv2D) (Particular of
			conv2d_66 (Conv2D) (Mone, None, None, 5 1179648
			conv2d_74 (Conv2D) (None, None, 2 294912 leaky_re_lu_71[0][0]
			batch_normalization_58 (BatchNo (None, None, None, 1 4096 conv2d_58[0][0]
			batch_normalization_65 (BatchNo (None, None, None, 5 2048 conv2d_66[0][0]
			batch_normalization_72 (BatchNo (None, None, None, 2 1024 conv2d_74[0][0]
			leaky_re_tu_58 (LeakyRetU) (None, None, None, 1 0 batch_normalization_58[0][0]
			teaky_re_tu_65 (LeakyReLU) (None, None, None, 5 0 batch_normalization_65(0)[0]
			leaky_re_lu_72 (LeakyReLU) (None, None, None, 2 0 batch_normalization_72[0][0]
			conv2d_59 (Conv2D) (None, None, None, 2 261375 leaky_re_lu_58[0][0]
			conv2d_67 (Conv2D) (None, None, None, 2 130015 leaky_re_tu_65[0][0]
			conv2d_75 (Conv2D) (None, None, None, 2 65535 leaky_re_lu_72[0][0]
			total params: 02,001,797 Trainable params: 01,909,149 Mon-trainable params: 52,680
			None Saved Keras model to yolo,N5 Read 02001707 of 02001707.0 from Darkoet weights.

	Accuracy	Training Assuracy	T
2.	Accuracy	Training Accuracy -	Training Accuracy
		Malidatian Assuma	Training Accuracy precision recall f1-score support
		Validation Accuracy -	hiectzini iecari il-scole sobboli
			0 1.00 1.00 7
			1 1.00 1.00 1.00 1 2 1.00 1.00 1.00 3
			accuracy 1.00 11 macro avg 1.00 1.00 1.00 11
			weighted avg 1.00 1.00 1.00 11
			Testing Accuracy
			precision recall f1-score support
			0 1.00 1.00 1.00 7
			1 1.00 1.00 1.00 1
			2 1.00 1.00 1.00 3
			accuracy 1.00 11
			macro avg 1.00 1.00 1.00 11 weighted avg 1.00 1.00 1.00 11
			g
			Losses:
			Loss per Epoch
			Training Loss Validation Loss
			5000 Validation Loss
			4000
			§ 3000
			2000
			1000
			0
			0 10 20 30 40 50
			No. of Epochs
3.	Confidence Score (Only	Class Detected -	
	Yolo Projects)		0.7 -
		Confidence Score -	0.6 -
			0.5 -
			0.4 -
			03 -
			02-
			01-
			0.0 Psoriasis Avg Confidence Score Melanoma Avg Confidence Score Rosacea Avg Confidence Score