Project Development Phase Model Performance Test

Date	18 November 2022
Team ID	PNT2022TMID23190
Project Name	Deep learning Fundus image analysis for
	early detection of Diabetic Retinopathy
Maximum Marks	10 Marks

Model Performance Testing:

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

S.No	Parameter	Values	Screenshot
	Model - Summary	-	[] model.summary() Model: "model" Model: "model"
	,		
			Layer (type) Output Shape Param # Connected to input_1 (InputLayer) [(Mone, 299, 299, 3 0 [])]
			block1_conv1 (Conv2D) (None, 149, 149, 32 864 ['input_1[0][0]']
			block1_conv1_bn (BatchNormaliz (None, 149, 149, 32 128 ['block1_conv1[0][0]'] ation)
			block1_conv1_act (Activation) (None, 149, 149, 32 0 ['block1_conv1_bn[0][0]']
			block1_conv2 (Conv2D) (None, 147, 147, 64 18432 ['block1_conv1_act[0][0]']
			block1_conv2_bn (BatchNormaliz (None, 147, 147, 64 256 ['block1_conv2[0][0]'] ation)
			block1_conv2_act (Activation) (None, 147, 147, 64 0 ['block1_conv2_bn[0][0]']
			block2_sepconv1 (SeparableConv (None, 147, 147, 12 8768 ['block1_conv2_act[0][0]'] 2D) 8)
			Total params: 21,885,485
			Trainable params: 1,024,005
			Non-trainable params: 20,861,480
2.	Accuracy	Training Accuracy – 0.7812	Epoch 49/50
		Validation Accuracy -0.7547	3/3 [===================================
			Epoch 50/50
			3/3 [===================================
			10 Max

	3/3 [
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