Date	15-11-2022		
Team ID	PNT2022TMID24339		
PROJECT NAME	Natural Disasters Intensity Analysis and Classification using Artificial Intelligence		

Model Performance Test

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot		
1.	Model Summary	-	model.summary()	model.summary()	
			Model: "sequential"		
			Layer (type)	Output Shape	Param #
			conv2d (Conv2D)	(None, 62, 62, 32)	896
			max_pooling2d (MaxPooling2D)	(None, 31, 31, 32)	0
			conv2d_1 (Conv2D)	(None, 29, 29, 32)	9248
			max_pooling2d_1 (MaxPooling 2D)	(None, 14, 14, 32)	0
			flatten (Flatten)	(None, 6272)	0
			dense (Dense)	(None, 128)	802944
			dense_1 (Dense)	(None, 4)	516
2.	Accuracy parameter	Training Accuracy -	· loss: 0.5239 - accuracy: 0.7857 -	val_loss: 0.7226 - val_accuracy	y: 0.7576
		Validation Accuracy	· loss: 0.4353 - accuracy: 0.8383 -	val_loss: 0.753B - val_accuracy	y: 0.7323
		-	· loss: 0.3964 - accuracy: 0.8544 -	val_loss: 1.0309 - val_accuracy	v: 0.6364
			· loss: 0.3662 - accuracy: 0.8787 -	val_loss: 0.6900 - val_accuracy	y: 0.7273
			· loss: 0.4363 - accuracy: 0.8342 -	val_loss: 0.663B - val_accuracy	: 0.7475
			loss: 0.3292 - accuracy: 0.8814 -	val_loss: 0.6497 - val_accuracy	y: 0.7677