Date	**13-11-2022**
Team ID	**PN2022TMID22410**
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: "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 (None, 14, 14, 32) 0 2D) flatten (Flatten) (None, 6272) 0 dense (Dense) (None, 128) 802944 dense_1 (Dense) (None, 4) 516 =================
2.	Accuracy parameter	Training Accuracy - Validation Accuracy -	loss: 0.5239 - accuracy: 0.7857 - val_loss: 0.7225 - val_accuracy: 0.7576 loss: 0.4353 - accuracy: 0.8363 - val_loss: 0.7538 - val_accuracy: 0.7323 loss: 0.3964 - accuracy: 0.8544 - val_loss: 1.0309 - val_accuracy: 0.6364 loss: 0.3662 - accuracy: 0.8787 - val_loss: 0.5908 - val_accuracy: 0.7273 loss: 0.4363 - accuracy: 0.8342 - val_loss: 0.5638 - val_accuracy: 0.7475 loss: 0.3292 - accuracy: 0.8814 - val_loss: 0.5497 - val_accuracy: 0.7677