Project Development Phase
Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID46495
Project Name	Natural Disaster Intensity Analysis and Classification using Artificial Intelligence
Maximum Marks	4 Marks

Model Summary:

S.No.	Parameter	Values	Screenshot
1.	Model Summary	-	classifier.summary()#summary of our model Model: "sequential_1" Layer (type) Output Shape Param # conv2d_1 (Conv2D) (None, 62, 62, 32) 896 max_pooling2d (MaxPooling2D) (None, 31, 31, 32) 0 conv2d_2 (Conv2D) (None, 29, 29, 32) 9248 conv2d_3 (Conv2D) (None, 27, 27, 32) 9248 max_pooling2d_1 (MaxPooling2D) (None, 13, 13, 32) 0 conv2d_4 (Conv2D) (None, 11, 11, 32) 9248 flatten (Flatten) (None, 3872) 0 dense (Dense) (None, 128) 495744 dense_1 (Dense) (None, 4) 516 Total params: 524,900 Trainable params: 524,900 Non-trainable params: 0
2.	Accuracy	Training Accuracy – 90% Validation Accuracy - 87%	accuracy_score(actual, predicted) 0.9050203527815468 accuracy_score(actual, predicted) 0.8765264586160109