

Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID20176
Project Name	Project - Natural Disaster Intensity analysis and classification using Artificial Intelligence
Maximum Marks	10 Marks

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Total params - 813604	<p>Model summary</p> <pre> 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 Total params: 813,604 Trainable params: 813,604 Non-trainable params: 0 </pre>
2.	Accuracy	<p>Training Accuracy – 0.9717</p> <p>Validation Accuracy -0.7259</p>	<pre> Epoch 100/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 101/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 102/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 103/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 104/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 105/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 106/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 107/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 108/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 109/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 110/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 111/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 112/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 113/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 114/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 115/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 116/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 117/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 118/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 119/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 Epoch 120/100: 100% (1/1) [0.00000000] - loss: 0.0000 - accuracy: 0.9717 - val_loss: 0.7259 - val_accuracy: 0.7259 </pre>