Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID18207
Project Name	Project – Real time communication powered by AI for specially abled persons.
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	Adding layers in the model	<pre>model = tf.keras.models.Sequential([tf.keras.layers.Conv2D(64, (3,3), activation='relu',input_shape=(tf.keras.layers.MaxPooling2D(2, 2), tf.keras.layers.Flatten(), tf.keras.layers.Dropout(0.5), tf.keras.layers.Dense(512, activation='relu'), tf.keras.layers.Dense(9, activation='softmax')])</pre>

1.	Accuracy	Training Accuracy - 0.910	model.compile(loss = 'categorical_crossentropy', optimizer='afam', metrics=['accuracy']) history = model.fit(train_generator, epochs=10,validation_data=test_generator)
		Validation Accuracy 0.9011	Epoch 1/10 S25/525 Endemotor, epochs-10, validation_data-test_generator)
			164 Epoch 7/10 525/525 [========] - 223s 424ms/step - loss; 0.2630 - accuracy; 0.9115 - val_loss; 0.2251 - val_accuracy; 0.9 338 Epoch 8/10 525/525 [===================================