## Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID18723
Project Name	Project – Real time communication system powered by AI for specially abled
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		In [6]:	from keras.models import Sequential from keras.layers import Dense from keras.layers import Convolution2D from keras.layers import NasPooling2D from keras.layers import Dropout from keras.layers import Flatten
			In [7]:	<pre>model = Sequential()</pre>
			In [8]:	<pre>model.add(Convolution2D(32,(3,3),input_shape=(64,64,1), activation='relu'))</pre>
			In [9]:	model:add(MaxPooling2D(pool_size=(2,2)))
			In [10]:	model.add(Flatten())
			In [11]:	<pre>model.add(Dense(units=512, activation = 'relu'))</pre>
			In [12]:	<pre>model.add(Dense(units=9, activation = 'softmax'))</pre>
			In [13]:	model.compile(loss='categorical_crossentropy', optimizer = 'adam', metrics = ['accuracy'

2.	Accuracy	Training Accuracy – 99.6%	nodel.fit_generator(_train,steps_per_epoch=24,epoch=10,validation_data = x_test, validation_steps=40)  /ssr/local/lib/pythod.7/dist-mackages/[pytered_lamcher.py:1: UserWarning: "Rodel.fit_generator" is deprecated and will be rear.  #Pesse use: Rodel.fit_which supports generators.  ""Entry coult for lamching an Python berror."
		Validation Accuracy – 98.3%	*** "Striy point for launching an Tython wereal."