Project Development
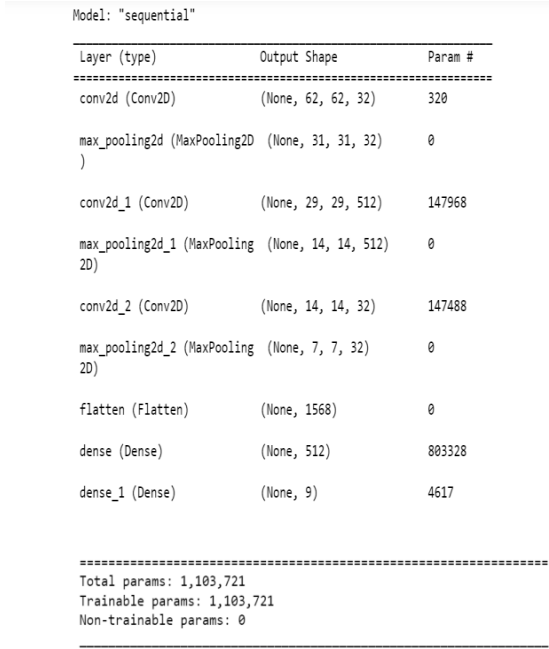# Phase Model Performance
Test

Date	19 November 2022
Team ID	PNT2022TMID13334
Project Name	Real Time Communication Powered by AI for Specially Abled
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
	Model Summary	Total params: 1,103,721 Trainable params: 1,103,721 Non-trainable params: 0	

| | Accuracy | Training Accuracy - 0.994

 Validation Accuracy -0.9738 | ``` Epoch 1/10
18/18 [==============================] - 74s 4s/step - loss: 1.3704 - accuracy: 0.5568 - val_loss: 0.4835 - val_accuracy: 0.8809
Epoch 2/10
18/18 [==============================] - 74s 4s/step - loss: 0.3403 - accuracy: 0.8987 - val_loss: 0.2734 - val_accuracy: 0.9187
Epoch 3/10
18/18 [==============================] - 74s 4s/step - loss: 0.1527 - accuracy: 0.9580 - val_loss: 0.2531 - val_accuracy: 0.9444
Epoch 4/10
18/18 [==============================] - 75s 4s/step - loss: 0.0862 - accuracy: 0.9771 - val_loss: 0.2031 - val_accuracy: 0.9622
Epoch 5/10
18/18 [==============================] - 73s 4s/step - loss: 0.0526 - accuracy: 0.9865 - val_loss: 0.2335 - val_accuracy: 0.9640
Epoch 6/10
18/18 [==============================] - 75s 4s/step - loss: 0.0343 - accuracy: 0.9923 - val_loss: 0.2349 - val_accuracy: 0.9724
Epoch 7/10
18/18 [==============================] - 73s 4s/step - loss: 0.0252 - accuracy: 0.9944 - val_loss: 0.2387 - val_accuracy: 0.9738
Epoch 8/10
18/18 [==============================] - 74s 4s/step - loss: 0.0176 - accuracy: 0.9962 - val_loss: 0.2614 - val_accuracy: 0.9693
Epoch 9/10
18/18 [==============================] - 74s 4s/step - loss: 0.0152 - accuracy: 0.9968 - val_loss: 0.2669 - val_accuracy: 0.9724
Epoch 10/10
18/18 [==============================] - 74s 4s/step - loss: 0.0145 - accuracy: 0.9970 - val_loss: 0.2757 - val_accuracy: 0.9747

<keras.callbacks.History at 0x7f41ec41c850>
``` |
| | Confidence Score (Only Yolo Projects) | Class Detected – N/A

 Confidence Score – N/A | N/A |