# Project Development Phase
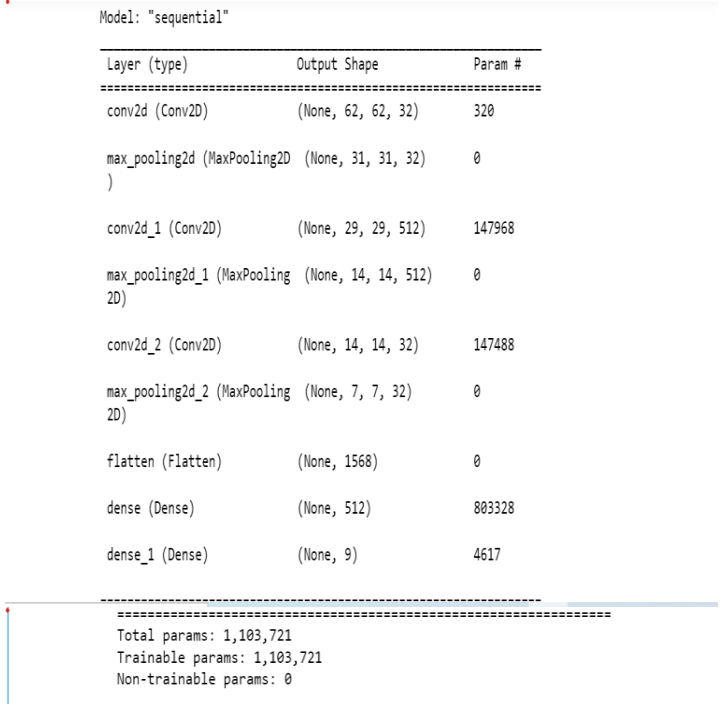# Model Performance Test

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|---|---|
| Date | 19 November 2022 |
| Team ID | PNT2022TMID50033 |
| Project Name | Project – Real Time Communication Powered by AI for Specially Abled |
| Maximum Marks | 10 Marks |

**Model Performance Testing:**

| S. N o. | Parameter | Values | Screenshot |
|---|---|---|---|
| | Model Summary | Total params: 1,103,721<br>Trainable params: 1,103,721<br>Non-trainable params: 0 |  |

| | Accuracy | Training Accuracy - 0.9994<br><br>Validation Accuracy -0.9969 | ```
Epoch 13/25
53/53 [==============================] - 196s 4s/step - loss: 0.0050 - accuracy: 0.9982 - val_loss:
0.0647 - val_accuracy: 0.9844
Epoch 14/25
53/53 [==============================] - 196s 4s/step - loss: 0.0024 - accuracy: 0.9990 - val_loss:
0.2113 - val_accuracy: 0.9751
Epoch 15/25
53/53 [==============================] - 197s 4s/step - loss: 0.0062 - accuracy: 0.9982 - val_loss:
0.2393 - val_accuracy: 0.9720
Epoch 16/25
53/53 [==============================] - 197s 4s/step - loss: 0.0022 - accuracy: 0.9994 - val_loss:
0.0172 - val_accuracy: 0.9969
Epoch 17/25
53/53 [==============================] - 195s 4s/step - loss: 6.0413e-04 - accuracy: 0.9998 - val_lo
s: 0.0504 - val_accuracy: 0.9893
Epoch 18/25
53/53 [==============================] - 196s 4s/step - loss: 2.1259e-04 - accuracy: 1.0000 - val_lo
s: 0.1009 - val_accuracy: 0.9849
Epoch 19/25
53/53 [==============================] - 196s 4s/step - loss: 0.0036 - accuracy: 0.9987 - val_loss:
0.0669 - val_accuracy: 0.9853
Epoch 20/25
53/53 [==============================] - 197s 4s/step - loss: 0.0068 - accuracy: 0.9981 - val_loss:
0.3904 - val_accuracy: 0.9787
Epoch 21/25
53/53 [==============================] - 196s 4s/step - loss: 0.0034 - accuracy: 0.9987 - val_loss:
``` |
| | Confidence Score (Only Yolo Projects) | Class Detected – N/A<br><br>Confidence Score – N/A | N/A |