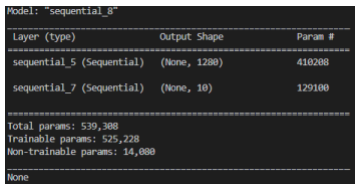
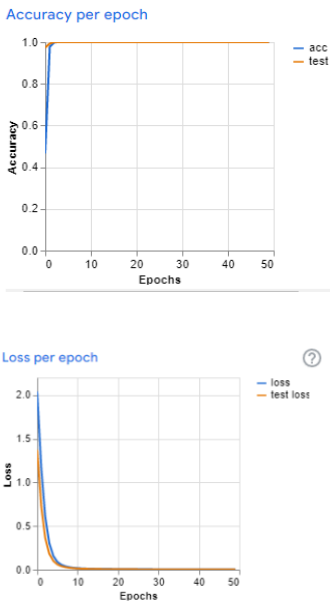


## Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID22290
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	<b>Total params: 539,308</b> <b>Trainable params: 525,228</b> <b>Non-trainable params: 14,080</b>	 <p>The screenshot shows the Keras model summary for 'sequential_8'. It lists two layers: 'sequential_5 (Sequential)' with 410,208 parameters and 'sequential_7 (Sequential)' with 12,910 parameters. The total parameters are 539,308, with 525,228 trainable and 14,080 non-trainable.</p>
2.	Accuracy	Training Accuracy - 98% (0.984)  Validation Accuracy - 97% (0.965)	 <p>The first graph, 'Accuracy per epoch', shows training accuracy (acc) and test accuracy (test) both rising sharply to near 1.0 within the first 5 epochs and remaining stable. The second graph, 'Loss per epoch', shows training loss (loss) and test loss (test loss) both decreasing sharply to near 0.0 within the first 5 epochs and remaining stable.</p>

3.	Confidence Score (Only Yolo Projects)	Class Detected - 10  Confidence Score – 1.0	<div>Accuracy per class <span>?</span></div> <table><tr><th>CLASS</th><th>ACCURACY</th><th># SAMPLES</th></tr><tr><td>A</td><td>1.00</td><td>15</td></tr><tr><td>B</td><td>1.00</td><td>15</td></tr><tr><td>C</td><td>1.00</td><td>15</td></tr><tr><td>D</td><td>1.00</td><td>15</td></tr><tr><td>E</td><td>1.00</td><td>15</td></tr><tr><td>F</td><td>1.00</td><td>15</td></tr><tr><td>G</td><td>1.00</td><td>15</td></tr><tr><td>H</td><td>1.00</td><td>15</td></tr><tr><td>I</td><td>1.00</td><td>15</td></tr><tr><td>J</td><td>1.00</td><td>15</td></tr></table>	CLASS	ACCURACY	# SAMPLES	A	1.00	15	B	1.00	15	C	1.00	15	D	1.00	15	E	1.00	15	F	1.00	15	G	1.00	15	H	1.00	15	I	1.00	15	J	1.00	15
CLASS	ACCURACY	# SAMPLES																																		
A	1.00	15																																		
B	1.00	15																																		
C	1.00	15																																		
D	1.00	15																																		
E	1.00	15																																		
F	1.00	15																																		
G	1.00	15																																		
H	1.00	15																																		
I	1.00	15																																		
J	1.00	15																																		