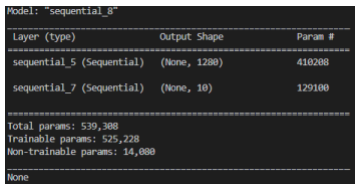
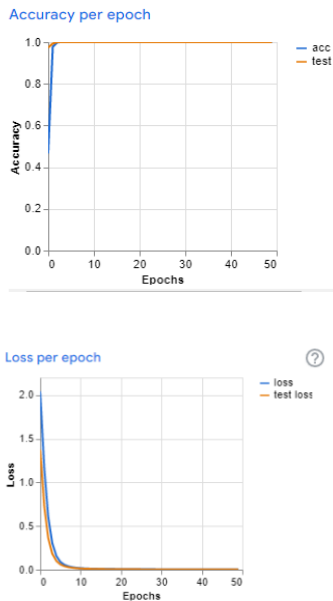


Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID02070
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	Total params: 539,308 Trainable params: 525,228 Non-trainable params: 14,080	 <p>The screenshot shows the Keras model summary for 'sequential_8'. It lists two layers: 'sequential_5 (Sequential)' with an output shape of (None, 1280) and 410,208 parameters, and 'sequential_7 (Sequential)' with an output shape of (None, 10) and 12,910 parameters. The total parameters are 539,308, with 525,228 trainable and 14,080 non-trainable parameters.</p>
2.	Accuracy	Training Accuracy - 98% (0.984) Validation Accuracy - 97% (0.965)	 <p>The screenshot contains two line graphs. The top graph, titled 'Accuracy per epoch', shows training accuracy (acc) and test accuracy (test) over 50 epochs. Both curves rise sharply in the first 5 epochs and then plateau near 1.0. The bottom graph, titled 'Loss per epoch', shows training loss (loss) and test loss (test loss) over 50 epochs. Both curves drop sharply in the first 5 epochs and then plateau near 0.0.</p>

3.	Confidence Score (Only Yolo Projects)	Class Detected - 10 Confidence Score – 1.0	<div>Accuracy per class ?</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																																		