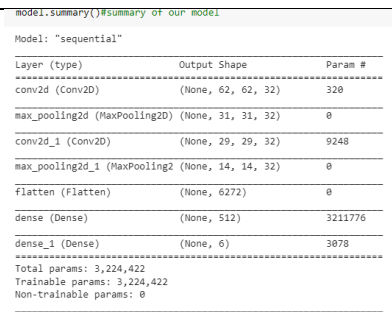
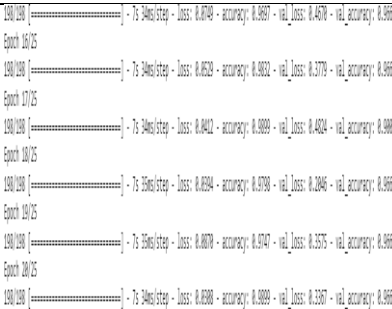
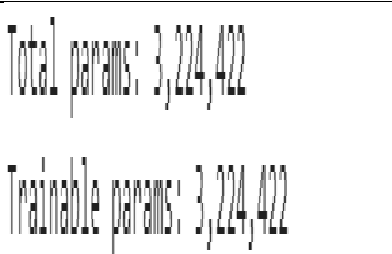


Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID29207
Project Name	A Gesture-based Tool for Sterile Browsing of Radiology Images
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 : 3,224,422 Trainable params : 3,224,422 Non-Trainable params : 0	 <pre> model.summary()#summary of our model Model: "sequential" Layer (type) Output Shape Param # ----- conv2d (Conv2D) (None, 62, 62, 32) 320 max_pooling2d (MaxPooling2D) (None, 31, 31, 32) 0 conv2d_1 (Conv2D) (None, 29, 29, 32) 9248 max_pooling2d_1 (MaxPooling2 (None, 14, 14, 32) 0 Flatten (Flatten) (None, 6272) 0 dense (Dense) (None, 512) 3211776 dense_1 (Dense) (None, 6) 3078 Total params: 3,224,422 Trainable params: 3,224,422 Non-trainable params: 0 </pre>
2.	Accuracy	Training Accuracy - 0.9865 Validation Accuracy - 0.9000	 <pre> 190/190 [=====] - 7s 34ms/step - loss: 0.0740 - accuracy: 0.9897 - val_loss: 0.4670 - val_accuracy: 0.9067 Epoch 16/25 190/190 [=====] - 7s 34ms/step - loss: 0.0520 - accuracy: 0.9932 - val_loss: 0.3779 - val_accuracy: 0.9067 Epoch 17/25 190/190 [=====] - 7s 34ms/step - loss: 0.0412 - accuracy: 0.9959 - val_loss: 0.4824 - val_accuracy: 0.9000 Epoch 18/25 190/190 [=====] - 7s 35ms/step - loss: 0.0394 - accuracy: 0.9798 - val_loss: 0.3846 - val_accuracy: 0.9067 Epoch 19/25 190/190 [=====] - 7s 35ms/step - loss: 0.0070 - accuracy: 0.9747 - val_loss: 0.3575 - val_accuracy: 0.9067 Epoch 20/25 190/190 [=====] - 7s 34ms/step - loss: 0.0000 - accuracy: 0.9909 - val_loss: 0.3367 - val_accuracy: 0.9067 </pre>
3.	Confidence Score (Only Yolo Projects)	Class Detected - 3,224,422 Confidence Score - 3,224,422	 <p>Total params: 3,224,422</p> <p>Trainable params: 3,224,422</p>