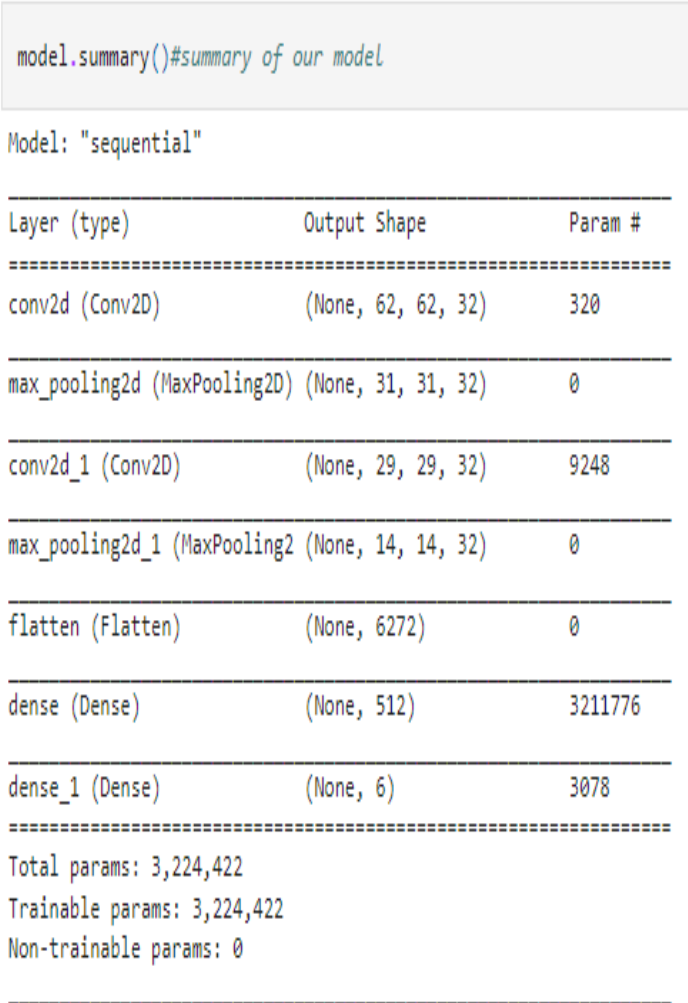


Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID30121
Project Name	A Gesture-based Tool for Sterile Browsing of Radiology Image
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Model Summary	-	 <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	<div>Training Accuracy - 0.9966</div> <div>Validation Accuracy -0.9667</div>	<div>Epoch 13/25</div> <div>198/198 [=====] - 14s 70ms/step - loss: 0.0864 - accuracy: 0.9731 - val_loss: 0.2522 - val_accuracy: 0.9667</div> <div>Epoch 14/25</div> <div>198/198 [=====] - 15s 74ms/step - loss: 0.0518 - accuracy: 0.9781 - val_loss: 0.3543 - val_accuracy: 0.9333</div> <div>Epoch 15/25</div> <div>198/198 [=====] - 13s 66ms/step - loss: 0.0781 - accuracy: 0.9764 - val_loss: 0.3312 - val_accuracy: 0.9667</div> <div>Epoch 16/25</div> <div>198/198 [=====] - 13s 66ms/step - loss: 0.0487 - accuracy: 0.9832 - val_loss: 0.2124 - val_accuracy: 0.9667</div> <div>Epoch 17/25</div> <div>198/198 [=====] - 13s 66ms/step - loss: 0.0385 - accuracy: 0.9865 - val_loss: 0.2808 - val_accuracy: 0.9667</div> <div>Epoch 18/25</div> <div>198/198 [=====] - 13s 66ms/step - loss: 0.0573 - accuracy: 0.9832 - val_loss: 0.2565 - val_accuracy: 0.9667</div> <div>Epoch 19/25</div> <div>198/198 [=====] - 13s 66ms/step - loss: 0.0281 - accuracy: 0.9865 - val_loss: 0.2607 - val_accuracy: 0.9667</div> <div>Epoch 20/25</div> <div>198/198 [=====] - 13s 66ms/step - loss: 0.0501 - accuracy: 0.9848 - val_loss: 0.5327 - val_accuracy: 0.8667</div> <div>Epoch 21/25</div> <div>198/198 [=====] - 15s 74ms/step - loss: 0.0513 - accuracy: 0.9832 - val_loss: 0.3753 - val_accuracy: 0.9667</div> <div>Epoch 22/25</div> <div>198/198 [=====] - 13s 67ms/step - loss: 0.0369 - accuracy: 0.9882 - val_loss: 0.3396 - val_accuracy: 0.9667</div> <div>Epoch 23/25</div> <div>198/198 [=====] - 13s 68ms/step - loss: 0.0276 - accuracy: 0.9916 - val_loss: 0.4354 - val_accuracy: 0.9667</div> <div>Epoch 24/25</div> <div>198/198 [=====] - 15s 74ms/step - loss: 0.0752 - accuracy: 0.9697 - val_loss: 0.7543 - val_accuracy: 0.8667</div> <div>Epoch 25/25</div> <div>198/198 [=====] - 13s 67ms/step - loss: 0.0489 - accuracy: 0.9798 - val_loss: 0.2213 - val_accuracy: 0.9667</div> <div> keras callibarks history at 0e7f5c7654d0</div> <div>Artisan</div>
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