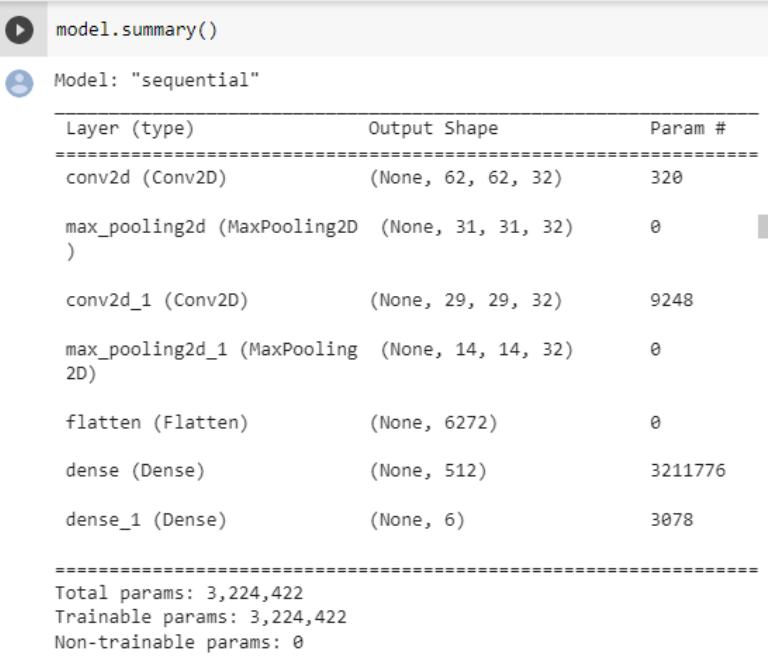


Project Development Phase Model Performance Test

| | |
|---------------|--|
| Date | 10 November 2022 |
| Team ID | PNT2022TMID16374 |
| Project Name | A Gesture-based Tool for Sterile Browsing of Radiology Image |
| 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 | - |  <pre> model.summary() 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 (MaxPooling2D) (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 - 0.9798</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: 0.2988 - 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.callbacks.History at 0x7f57b57054d0></div> |
|----|----------|---|--|