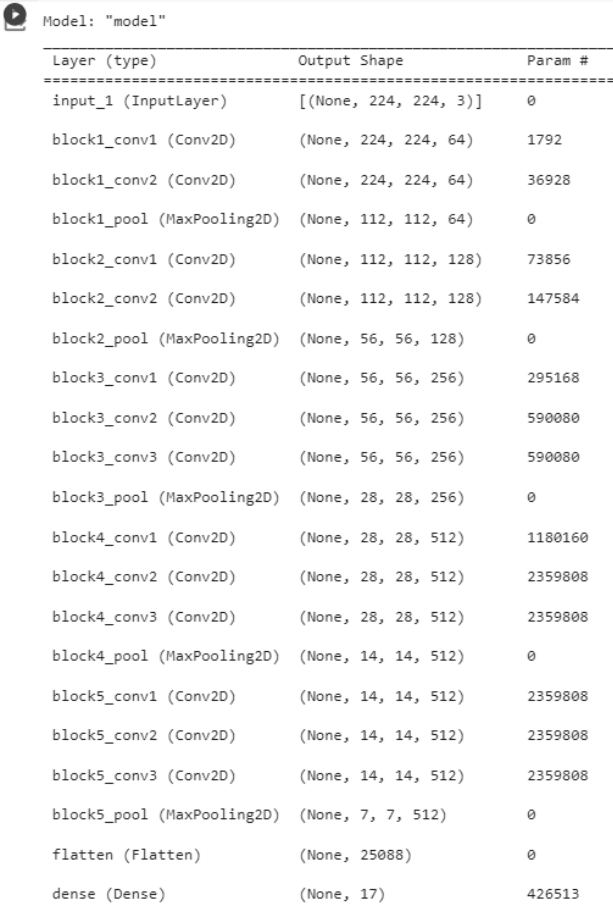
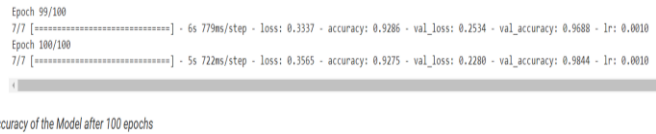


Project Development Phase Model Performance Test

Date	9 November 2023
Team ID	Team-592806
Project Name	Early Diagnosis of Diseases Using Image Processing Of Human Nails
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Model Summary	<p>Total params: 15141201 (57.76 MB)</p> <p>Trainable params: 426513 (1.63 MB)</p> <p>Non-trainable params: 14714688 (56.13 MB)</p>	 <pre> Model: "model" ----- Layer (type) Output Shape Param # ----- input_1 (InputLayer) [(None, 224, 224, 3)] 0 block1_conv1 (Conv2D) (None, 224, 224, 64) 1792 block1_conv2 (Conv2D) (None, 224, 224, 64) 36928 block1_pool (MaxPooling2D) (None, 112, 112, 64) 0 block2_conv1 (Conv2D) (None, 112, 112, 128) 73856 block2_conv2 (Conv2D) (None, 112, 112, 128) 147584 block2_pool (MaxPooling2D) (None, 56, 56, 128) 0 block3_conv1 (Conv2D) (None, 56, 56, 256) 295168 block3_conv2 (Conv2D) (None, 56, 56, 256) 590080 block3_conv3 (Conv2D) (None, 56, 56, 256) 590080 block3_pool (MaxPooling2D) (None, 28, 28, 256) 0 block4_conv1 (Conv2D) (None, 28, 28, 512) 1180160 block4_conv2 (Conv2D) (None, 28, 28, 512) 2359808 block4_conv3 (Conv2D) (None, 28, 28, 512) 2359808 block4_pool (MaxPooling2D) (None, 14, 14, 512) 0 block5_conv1 (Conv2D) (None, 14, 14, 512) 2359808 block5_conv2 (Conv2D) (None, 14, 14, 512) 2359808 block5_conv3 (Conv2D) (None, 14, 14, 512) 2359808 block5_pool (MaxPooling2D) (None, 7, 7, 512) 0 flatten (Flatten) (None, 25088) 0 dense (Dense) (None, 17) 426513 </pre>
2.	Accuracy	<p>Training Accuracy - 0.9275</p> <p>Validation Accuracy - 0.9844</p>	 <pre> Epoch 99/100 7/7 [*****] - 6s 779ms/step - loss: 0.3337 - accuracy: 0.9286 - val_loss: 0.2534 - val_accuracy: 0.9688 - lr: 0.0010 Epoch 100/100 7/7 [*****] - 5s 722ms/step - loss: 0.3565 - accuracy: 0.9275 - val_loss: 0.2280 - val_accuracy: 0.9844 - lr: 0.0010 </pre> <p>Accuracy of the Model after 100 epochs</p>

