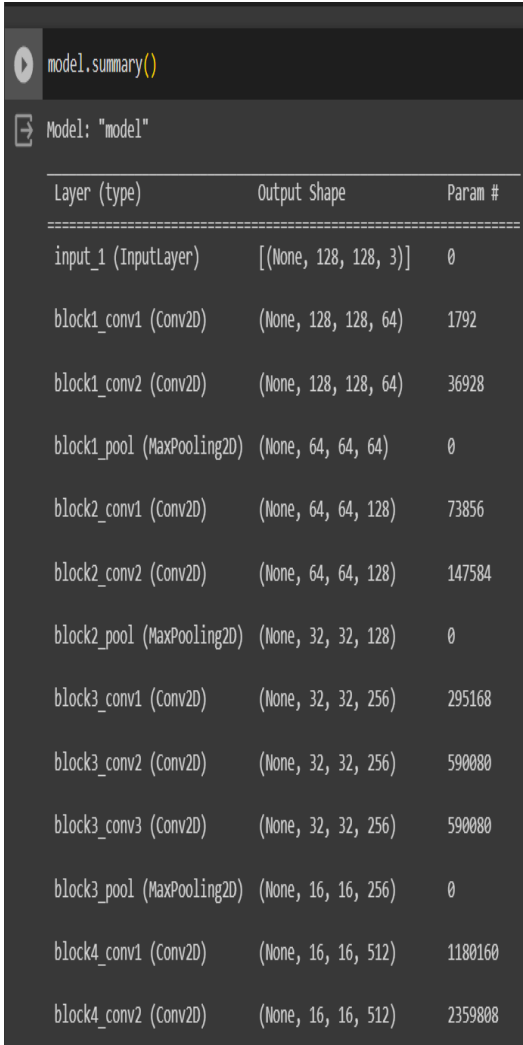


Project Development Phase Model Performance Test

Date	9 November 2023
Team ID	Team-593009
Project Name	AI Enable car parking using OpenCV
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: "model" _____ _____ _____ Layer (type) Output Shape Param # ===== _____ _____ _____ input_1 (InputLayer) [(None, 128, 128, 3)] 0 block1_conv1 (Conv2D) (None, 128, 128, 64) 1792 block1_conv2 (Conv2D) (None, 128, 128, 64) 36928 block1_pool (MaxPooling2D) (None, 64, 64, 64) 0 block2_conv1 (Conv2D) (None, 64, 64, 128) 73856 </pre>	 <pre> model.summary() Model: "model" _____ Layer (type) Output Shape Param # ===== input_1 (InputLayer) [(None, 128, 128, 3)] 0 block1_conv1 (Conv2D) (None, 128, 128, 64) 1792 block1_conv2 (Conv2D) (None, 128, 128, 64) 36928 block1_pool (MaxPooling2D) (None, 64, 64, 64) 0 block2_conv1 (Conv2D) (None, 64, 64, 128) 73856 block2_conv2 (Conv2D) (None, 64, 64, 128) 147584 block2_pool (MaxPooling2D) (None, 32, 32, 128) 0 block3_conv1 (Conv2D) (None, 32, 32, 256) 295168 block3_conv2 (Conv2D) (None, 32, 32, 256) 590080 block3_conv3 (Conv2D) (None, 32, 32, 256) 590080 block3_pool (MaxPooling2D) (None, 16, 16, 256) 0 block4_conv1 (Conv2D) (None, 16, 16, 512) 1180160 block4_conv2 (Conv2D) (None, 16, 16, 512) 2359808 </pre>

	<pre>block2_conv2 (Conv2D) (None, 64, 64, 128) 147584 block2_pool (MaxPooling2D) (None, 32, 32, 128) 0 block3_conv1 (Conv2D) (None, 32, 32, 256) 295168 block3_conv2 (Conv2D) (None, 32, 32, 256) 590080 block3_conv3 (Conv2D) (None, 32, 32, 256) 590080 block3_pool (MaxPooling2D) (None, 16, 16, 256) 0 block4_conv1 (Conv2D) (None, 16, 16, 512) 1180160 block4_conv2 (Conv2D) (None, 16, 16, 512) 2359808 block4_conv3 (Conv2D) (None, 16, 16, 512) 2359808 block4_pool (MaxPooling2D) (None, 8, 8, 512) 0 block5_conv1 (Conv2D) (None, 8, 8, 512) 2359808</pre>	<pre>block4_pool (MaxPooling2D) (None, 8, 8, 512) 0 block5_conv1 (conv2D) (None, 8, 8, 512) 2359808 block5_conv2 (conv2D) (None, 8, 8, 512) 2359808 block5_conv3 (conv2D) (None, 8, 8, 512) 2359808 block5_pool (MaxPooling2D) (None, 4, 4, 512) 0 flatten (Flatten) (None, 8192) 0 dense (Dense) (None, 2) 16386 ===== Total params: 14731074 (56.19 MB) Trainable params: 12995586 (49.57 MB) Non-trainable params: 1735488 (6.62 MB) =====</pre>
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		<pre>block5_conv2 (Conv2D) (None, 8, 8, 512) 2359808 block5_conv3 (Conv2D) (None, 8, 8, 512) 2359808 block5_pool (MaxPooling2D) (None, 4, 4, 512) 0 flatten (Flatten) (None, 8192) 0 dense (Dense) (None, 2) 16386 ===== Total params: 14731074 (56.19 MB) Trainable params: 12995586 (49.57 MB) Non-trainable params: 1735488 (6.62 MB)</pre>	
2.	Accuracy	<p>Training Accuracy – 0.97</p> <p>Validation Accuracy -0.95</p>	<pre>WARNING:tensorflow:Early stopping conditioned on metric `val_acc` which is not available. 12/12 [=====] - 197s 17s/step - loss: 0.0651 - accuracy: 0.9738 - val_accuracy: 0.9512</pre>
3.	Confidence Score (Only Yolo Projects)	<p>Class Detected -</p> <p>Confidence Score -</p>	