

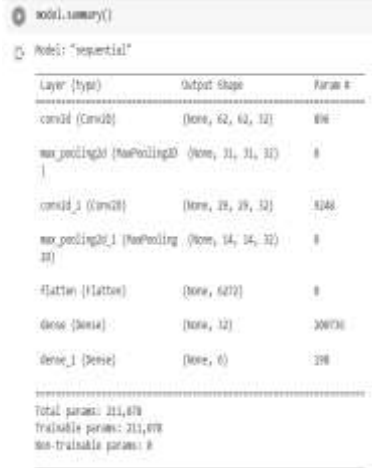
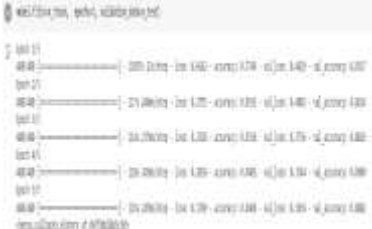
## Project Development Phase

### Model Performance Test

Date	10/11/2022
Team ID	PNT2022TMID52880
Project Name	Project - Classification Of Arrhythmia By Using Deep Learning
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: 211,078 Trainable params: 211,078 Non-trainable params: 0	 <pre> model.summary()  Model: "sequential" Layer (type)                Output Shape              Param # ----- conv2d (Conv2D)              (None, 62, 62, 32)       896 max_pooling2d (MaxPooling2D) (None, 31, 31, 32)       0 conv2d_1 (Conv2D)            (None, 29, 29, 32)       8240 max_pooling2d_1 (MaxPooling2D) (None, 14, 14, 32)       0 flatten (Flatten)            (None, 6272)              0 dense (Dense)                 (None, 12)               308736 dense_1 (Dense)               (None, 6)                78 ----- Total params: 211,078 Trainable params: 211,078 Non-trainable params: 0 </pre>
2.	Accuracy	Training Accuracy – 94.6%  Validation Accuracy – 88.82%	 <pre> acc: 0.9460, val_acc: 0.8882 Epoch 10/10: 200 steps - loss: 0.0000 - acc: 0.9460 - val_loss: 0.0000 - val_acc: 0.8882 Epoch 11/10: 200 steps - loss: 0.0000 - acc: 0.9460 - val_loss: 0.0000 - val_acc: 0.8882 Epoch 12/10: 200 steps - loss: 0.0000 - acc: 0.9460 - val_loss: 0.0000 - val_acc: 0.8882 Epoch 13/10: 200 steps - loss: 0.0000 - acc: 0.9460 - val_loss: 0.0000 - val_acc: 0.8882 Epoch 14/10: 200 steps - loss: 0.0000 - acc: 0.9460 - val_loss: 0.0000 - val_acc: 0.8882 Epoch 15/10: 200 steps - loss: 0.0000 - acc: 0.9460 - val_loss: 0.0000 - val_acc: 0.8882 Epoch 16/10: 200 steps - loss: 0.0000 - acc: 0.9460 - val_loss: 0.0000 - val_acc: 0.8882 Epoch 17/10: 200 steps - loss: 0.0000 - acc: 0.9460 - val_loss: 0.0000 - val_acc: 0.8882 Epoch 18/10: 200 steps - loss: 0.0000 - acc: 0.9460 - val_loss: 0.0000 - val_acc: 0.8882 Epoch 19/10: 200 steps - loss: 0.0000 - acc: 0.9460 - val_loss: 0.0000 - val_acc: 0.8882 </pre> <p>accuracy: 0.9460</p> <p>val_accuracy: 0.8882</p>
3.	Confidence Score (Only Yolo Projects)	Class Detected - NA  Confidence Score - NA	NA