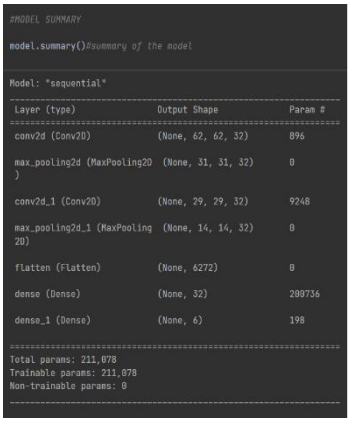
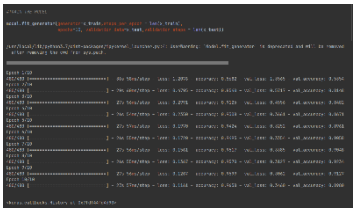
Project Development Phase
Model Performance Test

Date	18 November 2022
Team ID	PNT2022TMID36404
Project Name	Project - Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation
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	The model contains the types of layer, output shape and parameter. Here the model is declared in “Sequential”. The model contains the following layers. Convolutional layer, MaxPooling layer, Flatten Layer, fully connected layer which contains dense layer in it	
2.	Accuracy	Training Accuracy – 96% Validation Accuracy – 91%	

```
#MODEL SUMMARY

model.summary()#summary of the model

Model: "sequential"
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 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)        9248

 max_pooling2d_1 (MaxPooling  (None, 14, 14, 32)       0
 2D)

 flatten (Flatten)           (None, 6272)              0

 dense (Dense)               (None, 32)                200736

 dense_1 (Dense)             (None, 6)                 198

=================================================================
Total params: 211,078
Trainable params: 211,078
Non-trainable params: 0
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```