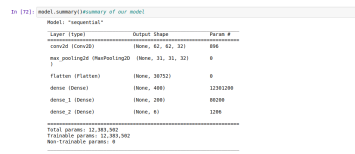
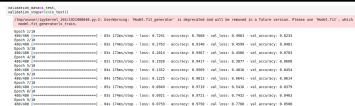


## Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID21442
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	-	 <pre> In [15]: model.summary(summary of our model)  Model: "my_model" _____ Layer (type)                 Output Shape      Param # ----- conv1d (Conv2D)              (None, 42, 42, 32) 688 _____ max_pooling2d (MaxPooling2D) (None, 21, 21, 32) 0 _____ flatten (Flatten)            (None, 36732)       0 _____ dense (Dense)                (None, 400)         14701200 _____ dense_1 (Dense)              (None, 250)         85250 _____ dense_2 (Dense)              (None, 5)           1250 _____ Total params: 15,583,562 Trainable params: 15,583,562 Non-trainable params: 0 </pre>
2.	Accuracy	Training Accuracy - 97.84  Validation Accuracy - 85.08	 <pre> Epoch 1/10: 100% 10/10 [&gt;] 0.00s Epoch 2/10: 100% 10/10 [&gt;] 0.00s Epoch 3/10: 100% 10/10 [&gt;] 0.00s Epoch 4/10: 100% 10/10 [&gt;] 0.00s Epoch 5/10: 100% 10/10 [&gt;] 0.00s Epoch 6/10: 100% 10/10 [&gt;] 0.00s Epoch 7/10: 100% 10/10 [&gt;] 0.00s Epoch 8/10: 100% 10/10 [&gt;] 0.00s Epoch 9/10: 100% 10/10 [&gt;] 0.00s Epoch 10/10: 100% 10/10 [&gt;] 0.00s </pre>