


Project Development Phase Model Performance Test

Date	16 November 2022
Team ID	PNT2022TMID03593
Project Name	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>[] 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) 9248 max_pooling2d_1 (MaxPooling2D) (None, 14, 14, 32) 0 flatten (Flatten) (None, 6272) 0 dense (Dense) (None, 32) 200736 dense_1 (Dense) (None, 6) 388 ----- Total params: 211,078 Trainable params: 211,078 Non-trainable params: 0</pre>
2.	Accuracy	Training Accuracy - Validation Accuracy -	
3.	Confidence Score (Only Yolo Projects)	Class Detected - Confidence Score -	<pre>] index=['left Bundle Branch block', 'Normal', 'Premature Atrial Contraction', 'Premature Ventricular Contraction', 'Right Bundle Branch Block', 'Ventricular Fibrillation'] result = str(index[y_pred]) result 'Normal'</pre>