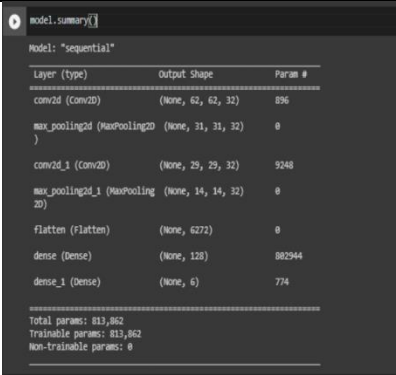
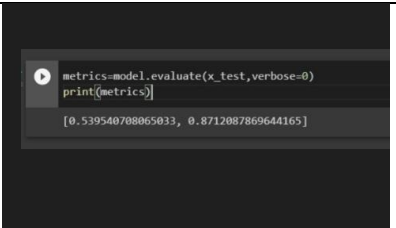


Project Development Phase Model Performance Test

| | |
|---------------|--|
| Date | 10 November 2022 |
| Team ID | PNT2022TMID20748 |
| 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, 128) 882944 dense_1 (Dense) (None, 6) 774 ----- Total params: 813,862 Trainable params: 813,862 Non-trainable params: 0 </pre> |
| 2. | Accuracy | Training Accuracy – 0.539540708065 Validation Accuracy -0.871208786964 |  <pre> metrics=model.evaluate(x_test,verbose=0) print(metrics) [0.539540708065033, 0.8712087869644165] </pre> |
| 3. | Confidence Score (Only Yolo Projects) | Class Detected - Confidence Score - | - |