PROJECT DEVELOPMENT PHASE Model Performance Test

Date	19 November 2022
Team ID	PNT2022TMID01315
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.

2.	Accuracy	Training	
		Accuracy:	model.fit generator(generator=x train, steps per_epoch = len(x train), epochs=9, validation_data=x test, validation_steps = len(x train)
		97.28%	←
			C:\Users\LIKITHA S\AppData\Local\Temp\ipykernel_10464\788911318.py:1: UserWarning: `Model.fit_generator` is deprecated and will be removed in a future version. Please use `Model.fit`, which supports generators.
		Validation	model.fit_generator(generator=x_train,steps_per_epoch = len(x_train), epochs=9, validation_data=x_test,validation_steps = len (x_test))
		Accuracy:	Epoch 1/9
		86.45%	480/480 [====================================
			Epoch 2/9 480/480 [] - 123s 256ms/step - loss: 0.7217 - accuracy: 0.7209 - val_loss: 0.8790 - val_accuracy: 0.7370
			Epoch 3/9 480/480 [==============] - 112s 233ms/step - loss: 0.2904 - accuracy: 0.9046 - val_loss: 0.5490 - val_accuracy: 0.8284
			Epoch 4/9 480/480 [==============] - 115s 240ms/step - loss: 0.1850 - accuracy: 0.9441 - val_loss: 0.6074 - val_accuracy: 0.8621 Epoch 5/9
			480/480 [====================================
			Epoch 6/9 480/480 [================] - 106s 222ms/step - loss: 0.1220 - accuracy: 0.9612 - val_loss: 0.5795 - val_accuracy: 0.8536
			Epoch 7/9 480/480 [==================] - 115s 240ms/step - loss: 0.1066 - accuracy: 0.9658 - val_loss: 0.6635 - val_accuracy: 0.8618
			Epoch 8/9 480/480 [====================================
			Epoch 9/9 480/480 [] - 119s 248ms/step - loss: 0.0837 - accuracy: 0.9728 - val_loss: 0.8507 - val_accuracy: 0.8645
			<pre><keras.callbacks.history 0x22c322dda60="" at=""></keras.callbacks.history></pre>