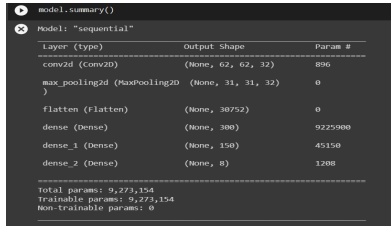
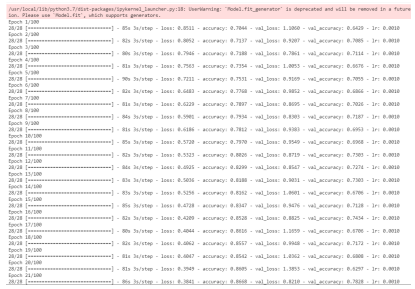


Project Development Phase Model Performance Test

Date	18/11/2022
Team Id	PNT2022TMID27210
Project Name	AI-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Mark	10 Marks

Model Performance Testing:

Project team shall fill in the following information in the model performance testing template.

S.no	Parameter	Value	ScreenShot
1.	Model Summary	Total params:9,273,154 Trainable params: 9,273,154 Non-Trainable params:0	 <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 flatten (Flatten) (None, 30752) 0 dense_1 (Dense) (None, 300) 9225900 dense_2 (Dense) (None, 150) 45150 dense_3 (Dense) (None, 8) 1208 ----- Total params: 9,273,154 Trainable params: 9,273,154 Non-trainable params: 0 </pre>
2.	Accuracy	Training Accuracy - 0.8963 Validation Accuracy-0.7682	 <pre> /usr/local/lib/python3.7/dist-packages/tensorflow/python/util/traceback_utils.py:113: UserWarning: "tf.nn.conv2d" is deprecated and will be removed in a future data, please use "tf.nn.conv2d", which supports gradients. Epoch 1/20: 0.8963 (training accuracy) - loss: 0.8111 - accuracy: 0.7684 - val_loss: 1.3050 - val_accuracy: 0.6420 - lr: 0.0010 Epoch 2/20: 0.8963 (training accuracy) - loss: 0.8012 - accuracy: 0.7537 - val_loss: 0.8207 - val_accuracy: 0.7680 - lr: 0.0010 Epoch 3/20: 0.8963 (training accuracy) - loss: 0.7944 - accuracy: 0.7588 - val_loss: 0.7641 - val_accuracy: 0.7114 - lr: 0.0010 Epoch 4/20: 0.8963 (training accuracy) - loss: 0.7913 - accuracy: 0.7554 - val_loss: 0.8051 - val_accuracy: 0.6575 - lr: 0.0010 Epoch 5/20: 0.8963 (training accuracy) - loss: 0.7511 - accuracy: 0.7511 - val_loss: 0.8105 - val_accuracy: 0.7051 - lr: 0.0010 Epoch 6/20: 0.8963 (training accuracy) - loss: 0.6489 - accuracy: 0.7708 - val_loss: 0.8052 - val_accuracy: 0.6864 - lr: 0.0010 Epoch 7/20: 0.8963 (training accuracy) - loss: 0.6229 - accuracy: 0.7897 - val_loss: 0.8059 - val_accuracy: 0.7620 - lr: 0.0010 Epoch 8/20: 0.8963 (training accuracy) - loss: 0.5962 - accuracy: 0.7954 - val_loss: 0.8095 - val_accuracy: 0.7187 - lr: 0.0010 Epoch 9/20: 0.8963 (training accuracy) - loss: 0.6286 - accuracy: 0.7862 - val_loss: 0.8105 - val_accuracy: 0.6951 - lr: 0.0010 Epoch 10/20: 0.8963 (training accuracy) - loss: 0.7121 - accuracy: 0.7515 - val_loss: 0.8105 - val_accuracy: 0.7051 - lr: 0.0010 Epoch 11/20: 0.8963 (training accuracy) - loss: 0.5728 - accuracy: 0.7939 - val_loss: 0.8105 - val_accuracy: 0.6951 - lr: 0.0010 Epoch 12/20: 0.8963 (training accuracy) - loss: 0.5123 - accuracy: 0.8020 - val_loss: 0.8119 - val_accuracy: 0.7300 - lr: 0.0010 Epoch 13/20: 0.8963 (training accuracy) - loss: 0.4935 - accuracy: 0.8039 - val_loss: 0.8167 - val_accuracy: 0.7274 - lr: 0.0010 Epoch 14/20: 0.8963 (training accuracy) - loss: 0.5016 - accuracy: 0.8088 - val_loss: 0.8021 - val_accuracy: 0.7300 - lr: 0.0010 Epoch 15/20: 0.8963 (training accuracy) - loss: 0.5026 - accuracy: 0.8032 - val_loss: 0.8091 - val_accuracy: 0.6768 - lr: 0.0010 Epoch 16/20: 0.8963 (training accuracy) - loss: 0.4728 - accuracy: 0.8167 - val_loss: 0.8476 - val_accuracy: 0.7120 - lr: 0.0010 Epoch 17/20: 0.8963 (training accuracy) - loss: 0.4289 - accuracy: 0.8328 - val_loss: 0.8025 - val_accuracy: 0.7404 - lr: 0.0010 Epoch 18/20: 0.8963 (training accuracy) - loss: 0.4034 - accuracy: 0.8510 - val_loss: 0.8107 - val_accuracy: 0.6768 - lr: 0.0010 Epoch 19/20: 0.8963 (training accuracy) - loss: 0.4062 - accuracy: 0.8527 - val_loss: 0.8068 - val_accuracy: 0.7121 - lr: 0.0010 Epoch 20/20: 0.8963 (training accuracy) - loss: 0.4047 - accuracy: 0.8542 - val_loss: 0.8102 - val_accuracy: 0.6868 - lr: 0.0010 Epoch 21/20: 0.8963 (training accuracy) - loss: 0.3949 - accuracy: 0.8605 - val_loss: 0.8105 - val_accuracy: 0.6207 - lr: 0.0010 Epoch 22/20: 0.8963 (training accuracy) - loss: 0.3915 - accuracy: 0.8608 - val_loss: 0.8119 - val_accuracy: 0.7620 - lr: 0.0010 Epoch 23/20: 0.8963 (training accuracy) - loss: 0.3915 - accuracy: 0.8608 - val_loss: 0.8119 - val_accuracy: 0.7620 - lr: 0.0010 Epoch 24/20: 0.8963 (training accuracy) - loss: 0.3915 - accuracy: 0.8608 - val_loss: 0.8119 - val_accuracy: 0.7620 - lr: 0.0010 Epoch 25/20: 0.8963 (training accuracy) - loss: 0.3915 - accuracy: 0.8608 - val_loss: 0.8119 - val_accuracy: 0.7620 - lr: 0.0010 Epoch 26/20: 0.8963 (training accuracy) - loss: 0.3915 - accuracy: 0.8608 - val_loss: 0.8119 - val_accuracy: 0.7620 - lr: 0.0010 Epoch 27/20: 0.8963 (training accuracy) - loss: 0.3915 - accuracy: 0.8608 - val_loss: 0.8119 - val_accuracy: 0.7620 - lr: 0.0010 Epoch 28/20: 0.8963 (training accuracy) - loss: 0.3915 - accuracy: 0.8608 - val_loss: 0.8119 - val_accuracy: 0.7620 - lr: 0.0010 Epoch 29/20: 0.8963 (training accuracy) - loss: 0.3915 - accuracy: 0.8608 - val_loss: 0.8119 - val_accuracy: 0.7620 - lr: 0.0010 Epoch 30/20: 0.8963 (training accuracy) - loss: 0.3915 - accuracy: 0.8608 - val_loss: 0.8119 - val_accuracy: 0.7620 - lr: 0.0010 </pre>