Team Id	PNT2022TMID33919
Project Name	AI Powered nutrition analyzer for fitness enthusiasts
Date	18-11-2022

Model performance test

parameter	value	screenshot

Model summary	-	`model.summary()`
		`Model: "sequential_1"`
		`_____`
		`Layer (type) Output Shape Param #`
		`=====`
		`conv2d_2 (Conv2D) (None, 30, 30, 32) 896`
		`max_pooling2d_2 (MaxPooling 2D) (None, 15, 15, 32) 0`
		`conv2d_3 (Conv2D) (None, 13, 13, 64) 18496`
		`max_pooling2d_3 (MaxPooling 2D) (None, 6, 6, 64) 0`
		`conv2d_4 (Conv2D) (None, 4, 4, 64) 36928`
		`flatten_1 (Flatten) (None, 1024) 0`
		`dense (Dense) (None, 64) 65600`
		`dense_1 (Dense) (None, 10) 650`
		`=====`
		`Total params: 122,570`
		`Trainable params: 122,570`
		`Non-trainable params: 0`
		`_____`

accuracy	**Training accuracy** **Validation accuracy**	Epoch 1/10 1563/1563 [==============================] - 79s 50ms/step - loss: 1.5368 - accuracy: 0.4381 - val_loss: 1.2292 - val_accuracy: 0.5594 Epoch 2/10 1563/1563 [==============================] - 74s 48ms/step - loss: 1.1614 - accuracy: 0.5873 - val_loss: 1.1135 - val_accuracy: 0.6024 Epoch 3/10 1563/1563 [==============================] - 75s 48ms/step - loss: 1.0114 - accuracy: 0.6436 - val_loss: 0.9917 - val_accuracy: 0.6547 Epoch 4/10 1563/1563 [==============================] - 74s 47ms/step - loss: 0.9136 - accuracy: 0.6813 - val_loss: 0.9615 - val_accuracy: 0.6635 Epoch 5/10 1563/1563 [==============================] - 74s 47ms/step - loss: 0.8370 - accuracy: 0.7065 - val_loss: 0.8904 - val_accuracy: 0.6932 Epoch 6/10 1563/1563 [==============================] - 74s 47ms/step - loss: 0.7808 - accuracy: 0.7247 - val_loss: 0.8996 - val_accuracy: 0.6934 Epoch 7/10 1563/1563 [==============================] - 74s 47ms/step - loss: 0.7314 - accuracy: 0.7416 - val_loss: 0.9108 - val_accuracy: 0.6880 Epoch 8/10 1563/1563 [==============================] - 74s 48ms/step - loss: 0.6802 - accuracy: 0.7619 - val_loss: 0.8591 - val_accuracy: 0.7093 Epoch 9/10 1563/1563 [==============================] - 74s 47ms/step - loss: 0.6439 - accuracy: 0.7753 - val_loss: 0.8466 - val_accuracy: 0.7162 Epoch 10/10 1563/1563 [==============================] - 75s 48ms/step - loss: 0.6035 - accuracy: 0.7880 - val_loss: 0.8554 - val_accuracy: 0.7159