## **Project Development Phase**

## **Model Performance Test**

Date	5 November 2022
Team ID	PNT2022TMID13870
Project Name	Project - Al-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	10 marks

**Model Performance Testing:** 

S.No	Parameter	Values	Screenshots		
1.	Model Summary	-			
			Layer (type)	Output Shape	Param #
			conv2d (Conv2D)	(None, 62, 62, 32)	896
			<pre>max_pooling2d (MaxPooling2D )</pre>	(None, 31, 31, 32)	0
			conv2d_1 (Conv2D)	(None, 29, 29, 32)	9248
			<pre>max_pooling2d_1 (MaxPooling 2D)</pre>	(None, 14, 14, 32)	Ø
			flatten (Flatten)	(None, 6272)	0
			dense (Dense)	(None, 128)	802944
			dense_1 (Dense)	(None, 5)	645
			Total params: 813,733 Trainable params: 813,733 Non-trainable params: 0		
2.	Accuracy	Training Accuracy - 90.42 Validation Accuracy - 90.42	\$\text{Speck 10728} \\ \$\text{207/20} \  -\text{30} \\ \$\tex	- loss: 0.2600 - accuracy: 0.8995 - val_l - loss: 0.2456 - accuracy: 0.8992 - val_l - loss: 0.2104 - accuracy: 0.9914 - val_l - loss: 0.2104 - accuracy: 0.9911 - val_l - loss: 0.2100 - accuracy: 0.9910 - val_l - loss: 0.1206 - accuracy: 0.9910 - val_l - loss: 0.1207 - accuracy: 0.9957 - val_l - loss: 0.1207 - accuracy: 0.9956 - val_l	0951 0.3955 - val_accuracy: 0.48773  0951 0.3959 - val_accuracy: 0.4872  0951 0.3869 - val_accuracy: 0.4872  0951 0.3969 - val_accuracy: 0.48827  0951 0.4280 - val_accuracy: 0.48827  0951 0.4380 - val_accuracy: 0.4801  0951 0.4380 - val_accuracy: 0.48079  0951 0.4380 - val_accuracy: 0.4879  0951 0.5950 - val_accuracy: 0.4897  0951 0.5950 - val_accuracy: 0.48984  0951 0.4957 - val_accuracy: 0.48984

