## Project Development Phase Model Performance Test

Date	18 November 2022	
Team ID	PNT2022TMID46445	
Project Name	Project - AI-powered Nutrition Analyzer for	
	Fitness Enthusiasts	
Maximum Marks		

## **Model Performance Testing:**

S. N o.	Parameter	Values	Screenshot		
	Model Summary	Total params: 9,767,489 Trainable params: 9,767,489 Non-trainable params: 0	classifier.summary()  Model: "sequential_2"  Layer (type)  conv2d_4 (Conv2D)  max_pooling2d_4 (MaxPooling 2D)  conv2d_5 (Conv2D)  max_pooling2d_5 (MaxPooling 2D)  flatten_2 (Flatten)  dense_14 (Dense)  dense_15 (Dense)  dense_16 (Dense)  dense_17 (Dense)  dense_18 (Dense)  dense_19 (Dense)  dense_19 (Dense)  dense_20 (Dense)  Total params: 9,767,489  Trainable params: 0	(None, 27, 27, 32)	Param #  1568 0  16416 0  1081800 100500 5005000 3000600 60100 505
	Accuracy	Training Accuracy - 98.18  Validation Accuracy - 92.38	Epoch 94/100 138/138 [	- loss: 0.8990 - accuracy: 0.9689 - val_loss: 0.556 - loss: 0.8781 - accuracy: 0.9772 - val_loss: 0.375 - loss: 0.8781 - accuracy: 0.9782 - val_loss: 0.356 - loss: 0.8767 - accuracy: 0.9818 - val_loss: 0.856 - loss: 0.8678 - accuracy: 0.9818 - val_loss: 0.315 - loss: 0.4675 - accuracy: 0.9854 - val_loss: 0.315 - loss: 0.8475 - accuracy: 0.9852 - val_loss: 0.464 - loss: 0.8431 - accuracy: 0.9852 - val_loss: 0.846 - loss: 0.8566 - accuracy: 0.9838 - val_loss: 0.465	s - val_accuracy: 0.9254 s - val_accuracy: 0.9295 s - val_accuracy: 0.9278 s - val_accuracy: 0.9270 s - val_accuracy: 0.9278 t - val_accuracy: 0.9278