Project Development Phase
Model Performance Test

Date	15 November 2022
Team ID	PNT2022TMID27270
Project Name	Project - AI-powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	10 Marks

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot

1.	Model Summary	`classifier = Sequential()`
		`classifier.add(Conv2D(32, (3, 3), input_shape=(64, 64, 3), activation='relu'))`
		`classifier.add(MaxPooling2D(pool_size=(2, 2)))`
		`classifier.add(Conv2D(32, (3, 3), activation='relu'))`
		`classifier.add(MaxPooling2D(pool_size=(2, 2)))`
		`classifier.add(Flatten())`
		`classifier.add(Dense (units=128, activation='relu'))`
		`classifier.add(Dense (units=5, activation='softmax'))`
			`classifier.summary()`
			`Model: "sequential_1"`
			`_____`
			`Layer (type) Output Shape Param #`
			`=====`
			`conv2d (Conv2D) (None, 62, 62, 32) 896`
			`max_pooling2d (MaxPooling2D (None, 31, 31, 32) 0`
			`)`
			`conv2d_1 (Conv2D) (None, 29, 29, 32) 9248`
			`max_pooling2d_1 (MaxPooling (None, 14, 14, 32) 0`
			`2D)`
			`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 – 1.0000 Validation Accuracy - 0.9801