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. No.	Parameter	Values	Screenshot

1	Model Summary	Total params: 9,767,489
		Trainable params: 9,767,489
		Non-trainable params: 0
			`classifier.summary()`
			`Model: "sequential_2"`
			`Layer (type) Output Shape Param #`
			`conv2d_4 (Conv2D) (None, 61, 61, 32) 1568`
			`max_pooling2d_4 (MaxPooling2D) (None, 30, 30, 32) 0`
			`conv2d_5 (Conv2D) (None, 27, 27, 32) 16416`
			`max_pooling2d_5 (MaxPooling2D) (None, 13, 13, 32) 0`
			`flatten_2 (Flatten) (None, 5408) 0`
			`dense_14 (Dense) (None, 200) 1081800`
			`dense_15 (Dense) (None, 500) 100500`
			`dense_16 (Dense) (None, 1000) 501000`
			`dense_17 (Dense) (None, 5000) 5005000`
			`dense_18 (Dense) (None, 600) 3000600`
			`dense_19 (Dense) (None, 100) 60100`
			`dense_20 (Dense) (None, 5) 505`
			`Total params: 9,767,489`
			`Trainable params: 9,767,489`
			`Non-trainable params: 0`

2	Accuracy	Training Accuracy - 98.18 Validation Accuracy - 92.38