Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID53113
Project Name	Project Al-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
1.	Model Summary	The Model was built using MobileNetV2 architecture. MobileNetv2 is a convolutional neural network that is 53 layers deep. MobileNetV2 is a very effective feature extractor for object detection and segmentation.
2.	Accuracy	Training Accuracy – 92.00% Validation Accuracy – 44.6%

Screenshots:

Model Summary:

```
Model: "model_1"

Layer (type) Output Shape Param #

input_2 (InputLayer) [(None, 224, 224, 3)] 0

mobilenetv2_1.00_224 (Funct (None, 5) 2264389 ional)

Total params: 2,264,389
Trainable params: 2,230,277
Non-trainable params: 34,112
```

Training Accuracy for the last 5 Epochs:

Validation Accuracy for the last 5 Epochs: