SPRINT 4:

Run The Application

Team ID	PNT2022TMID51154
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts

```python
from flask import Flask, render_template, request
import os
import numpy as np
import tensorflow as tf
from tensorflow.python import keras
from tensorflow.python.keras.models import load_model
from tensorflow import image
app = Flask(__name__, template_folder='templates')
print('Loaded model from disk')
model = load_model('Nutrition Analyzer.h5')
@app.route('/')
def home():
    return render_template('home.html')
@app.route('/image', methods = ['GET', 'POST'])
def image():
    return render_template('image.html')
```

Nutrition image analysis

Home   Classify

Today's fact

To improve the taste of processed foods, producers often add sugar to them. This type of sugar is known as added sugar. Common types of added sugar include table sugar (sucrose) and syrups, such as high-fructose corn syrup. Everyone knows that eating too much added sugar is unhealthy. While some think sugar is a simple matter of "empty" calories, others believe it increases the risk of diseases that kill millions of people each year. It is definitely true that added sugar contains empty calories. There are no nutrients in it, other than sugar. As a result, basing your diet on products high in added sugar may contribute to nutrient deficiencies. But this is just the tip of the iceberg. There are many other risks associated with excessive sugar intake that are now reaching mainstream attention.

Nutrition image analysis

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Nutrition image analysis

Picture is classified as apple Calories: 52 Water: 86% Protein: 0.3 grams Carbs: 13.8 grams Sugar: 10.4 grams Fiber: 2.4 grams Fat: 0.2 grams