

AI - POWERED NUTRITION ANALYZER FOR
FITNESS ENTHUSIASTS

TEAM ID : PNT2022TMID28758

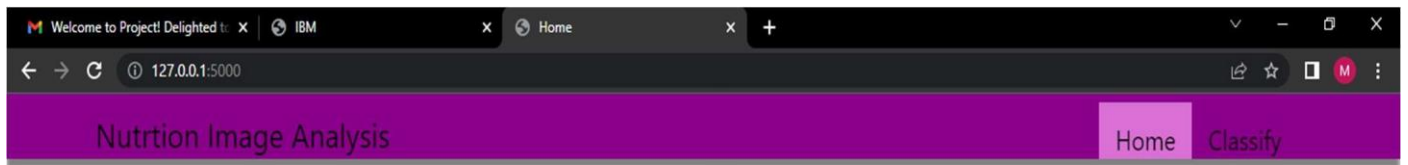
DEPARTMENT : ELECTRONICS AND COMMUNICATION
ENGINEERING

COLLEGE NAME : DHANALAKSHMI COLLEGE OF
ENGINEERING

APPLICATION BUILDING:

OUTPUT SCREEN:

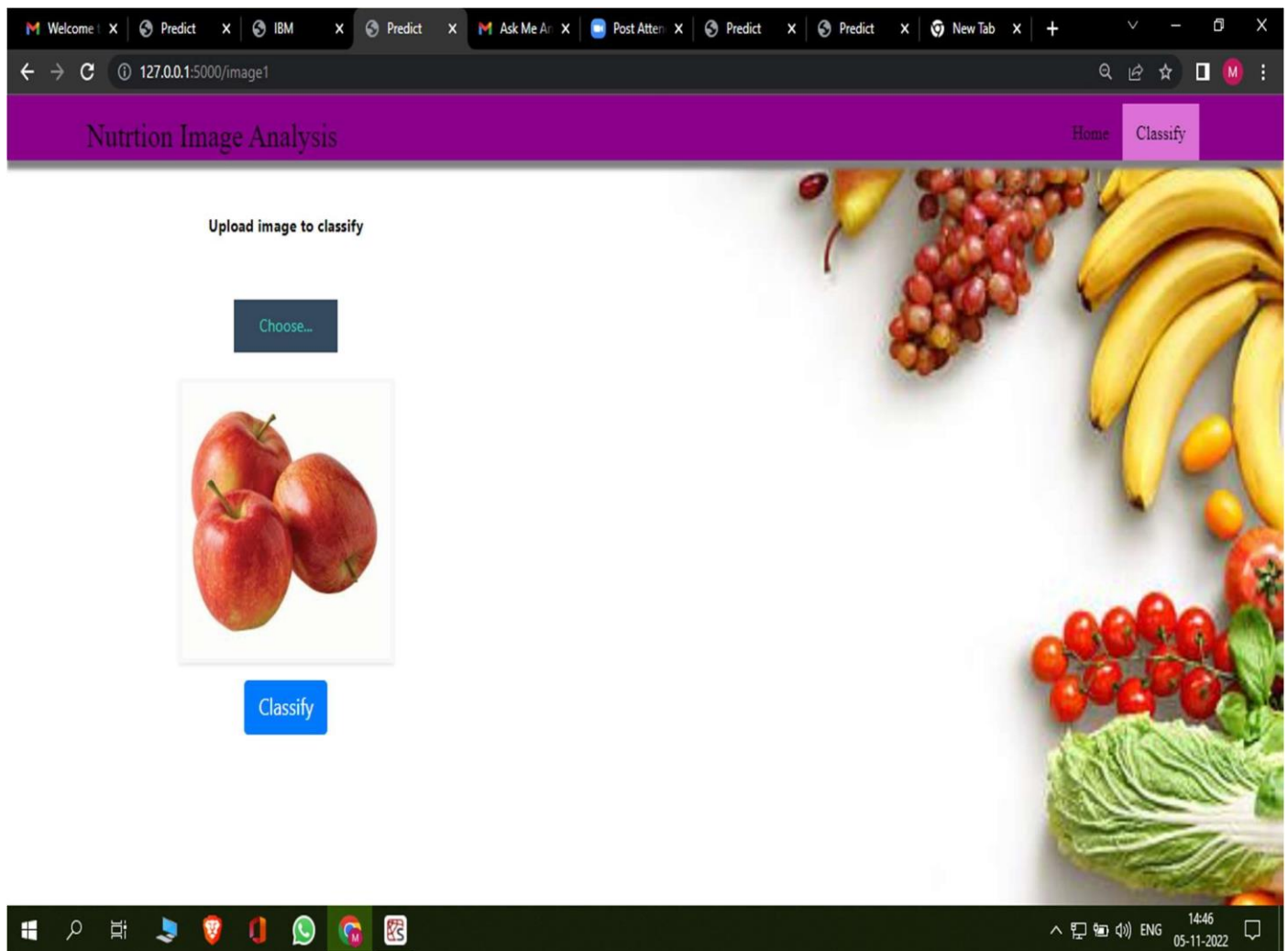
1) Home.html



Food is essential for human life and has been the concern of many healthcare conventions. Nowadays new dietary assessment and nutrition analysis tools enable more opportunities to help people understand their daily eating habits, exploring nutrition patterns and maintain a healthy diet. Nutritional analysis is the process of determining the nutritional content of food. It is a vital part of analytical chemistry that provides information about the chemical composition, processing, quality control and contamination of food. It ensures compliance with trade and food laws.



2) Image.html



3)Imageprediction.html

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127.0.0.1:5000/image1

Nutrition Image Analysis

Home Classify

Upload image to classify

Choose...



Food Classified is:
APPLE

```
[{'sugar_g': 10.3, 'fiber_g': 2.4, 'serving_size_g': 100.0, 'sodium_mg': 1, 'name': 'apple', 'potassium_mg': 11, 'fat_saturated_g': 0.0, 'fat_total_g': 0.2, 'calories': 53.0, 'cholesterol_mg': 0, 'protein_g': 0.3, 'carbohydrates_total_g': 14.1}]
```

Windows Taskbar: 14:47 05-11-2022

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127.0.0.1:5000/image1

Nutrition Image Analysis

Home **Classify**

Upload image to classify

Choose...



Food Classified is:
BANANA

```
[{'sugar_g': 12.3, 'fiber_g': 2.6, 'serving_size_g': 100.0, 'sodium_mg': 1, 'name': 'banana', 'potassium_mg': 22, 'fat_saturated_g': 0.1, 'fat_total_g': 0.3, 'calories': 89.4, 'cholesterol_mg': 0, 'protein_g': 1.1, 'carbohydrates_total_g': 23.2}]
```

14:44
05-11-2022

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127.0.0.1:5000/image1

Nutrition Image Analysis

Home **Classify**

Upload image to classify

Choose...



Food Classified is:
PINEAPPLE

```
[{'sugar_g': 9.9, 'fiber_g': 1.4, 'serving_size_g': 100.0, 'sodium_mg': 0, 'name': 'pineapple', 'potassium_mg': 8, 'fat_saturated_g': 0.0, 'fat_total_g': 0.1, 'calories': 50.8, 'cholesterol_mg': 0, 'protein_g': 0.5, 'carbohydrates_total_g': 13.0}]
```

14:41
05-11-2022