TEAM ID : PNT2022TMID23989

PROJECT NAME : AI-powered Nutrition Analyzer for Fitness Enthusiasts

Create HTML Pages

- We use HTML to create the front-end part of the web page.
- Here, we have created 3 HTML pages- home.html, image.html,imageprediction.html, and 0.html.
- home.html displays the home page.
- image.html is used for uploading the image
- imageprediction.html will showcase the output
- 0.html is to showcase the result. It tells the action to be performed on imageprediction.html while showcasing the result.
- We also use JavaScript-main.js and CSS-main.css to enhance our functionality and view of HTML pages.

Home.html looks like this
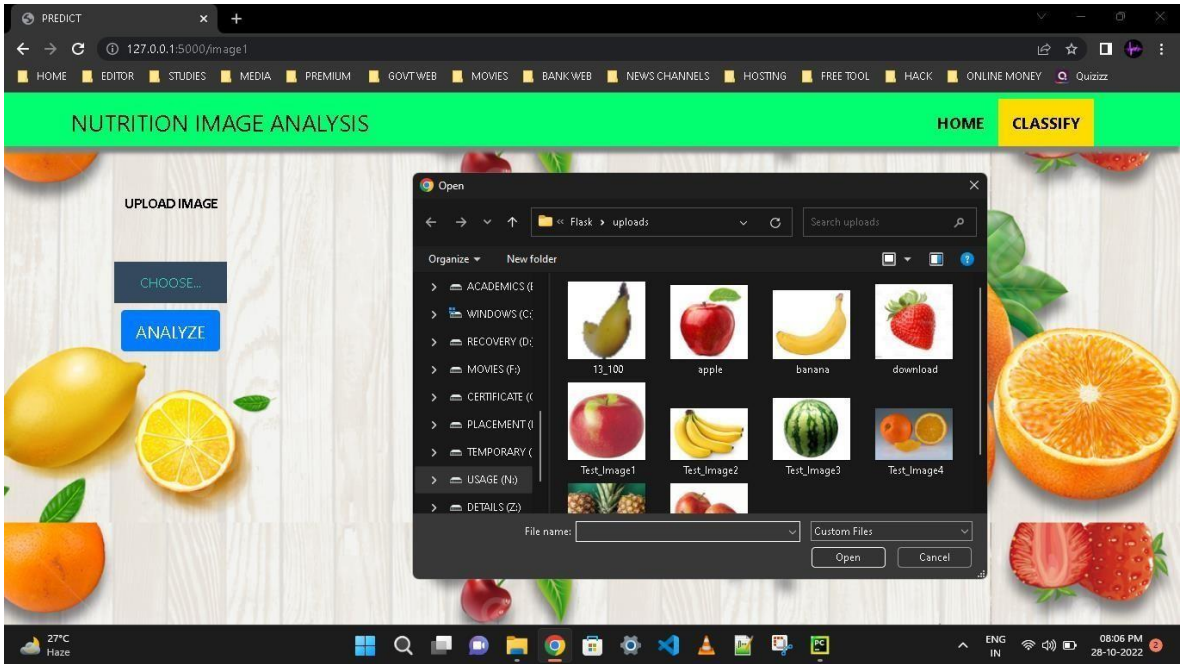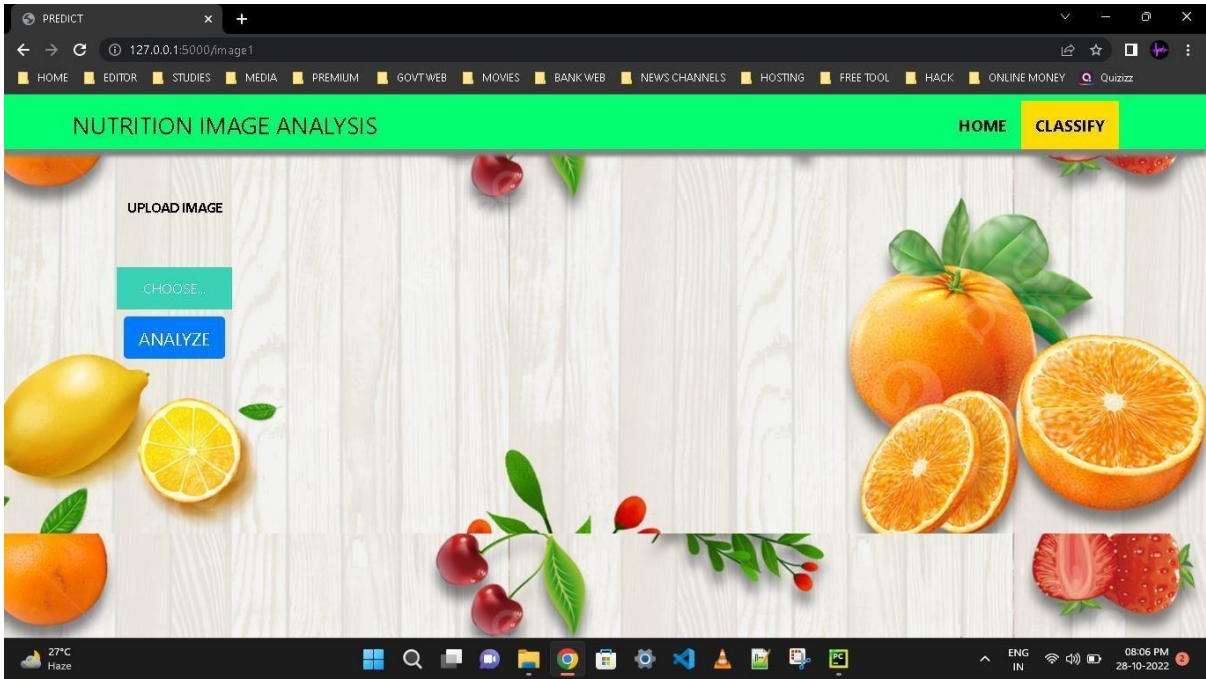
AIM OF THE PROJECT

- The main aim of the project is to building a model which is used for classifying the fruit depends on the different characteristics like colour, shape, texture etc.
- Here the user can capture the images of different fruits and then the image will be sent the trained model.
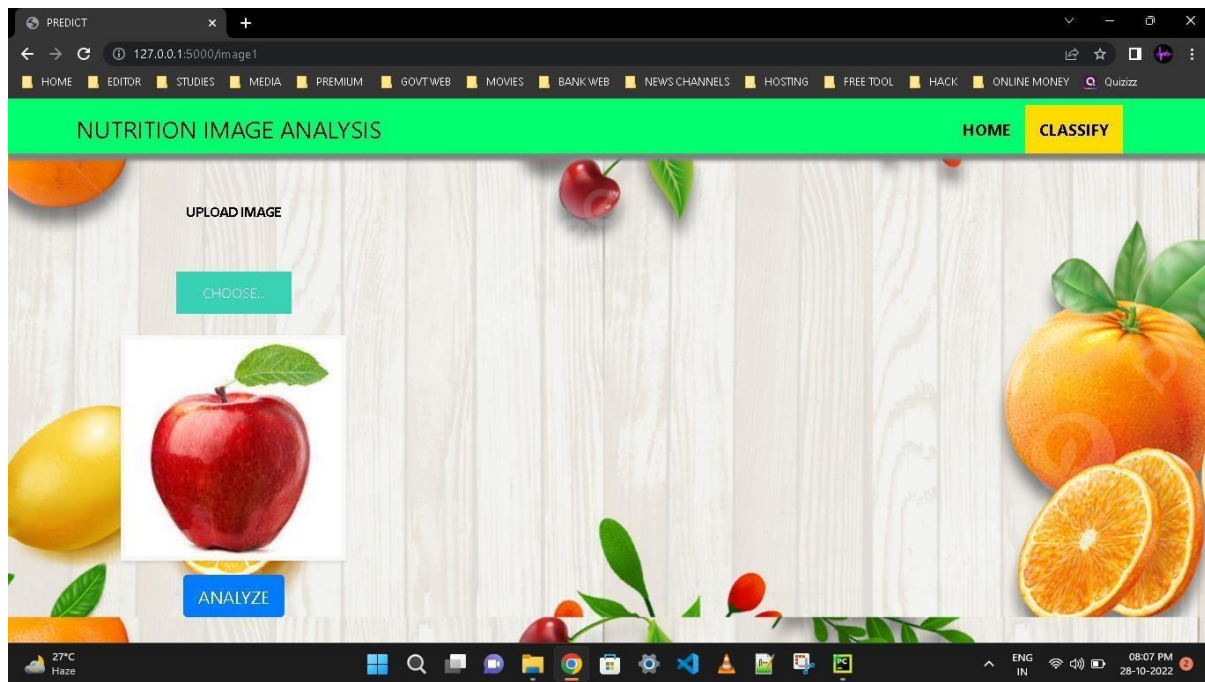- The model analyses the image and detect the nutrition based on the fruits like (Sugar, Fibre, Protein, Calories, etc.).

image.html

Imageprediction.html

IMAGE CLASSIFIED IS :

APPLES

[{'sugar_g': 2.6, 'fiber_g': 1.2, 'serving_size_g': 100.0, 'sodium_mg': 4, 'name': 'tomato', 'potassium_mg': 23, 'fat_saturated_g': 0.0, 'fat_total_g': 0.2, 'calories': 18.2, 'cholesterol_mg': 0, 'protein_g': 0.9, 'carbohydrates_total_g': 3.9}]