Run the Application

Team ID: PNT2022TMID44046

Project Name: AI-powered Nutrition Analyzer for Fitness Enthusiasts

Run the Application:

Open the anaconda prompt from the start menu.

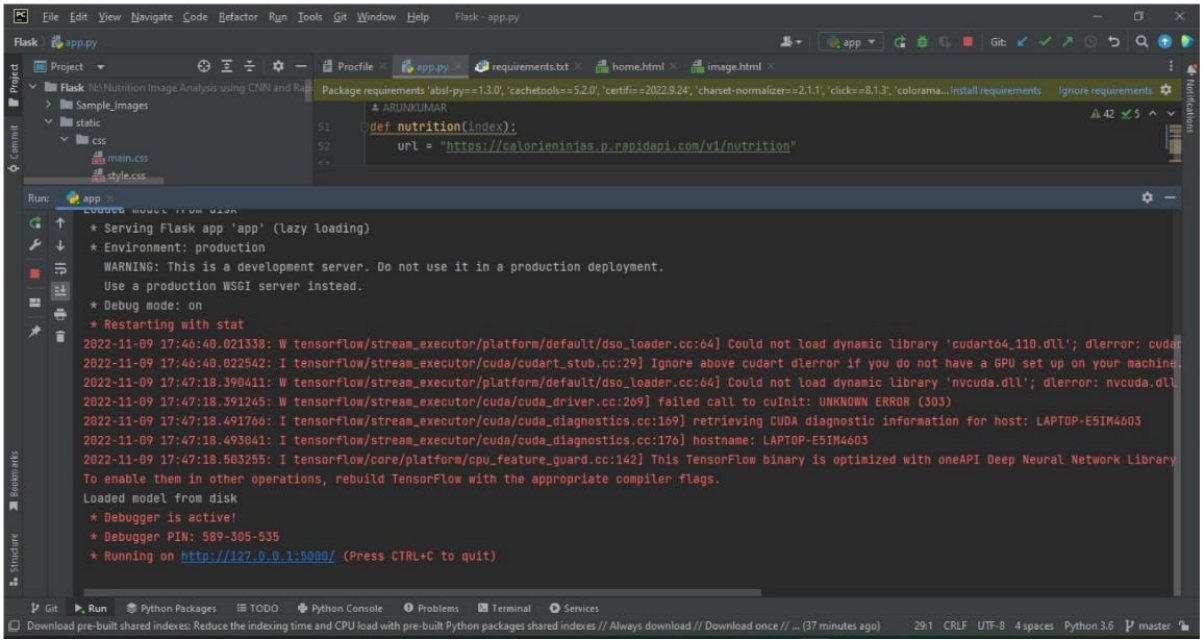
• Navigate to the folder where your app.py resides. • Now type the “python app.py” command.

• It will show the local host where your app is running on http://127.0.0.1.5000/

• Copy that localhost URL and open that URL in the browser. It does navigate to where you can view your web page.

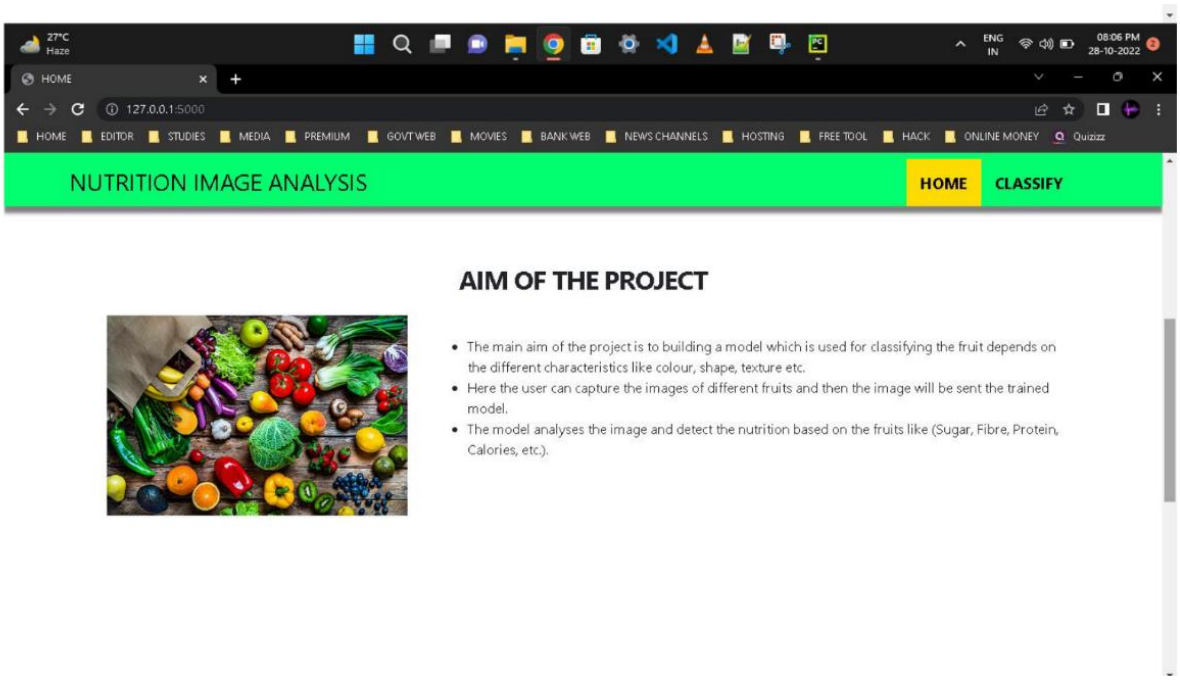
• Enter the values, click on the predict button and see the result/prediction on the web page.

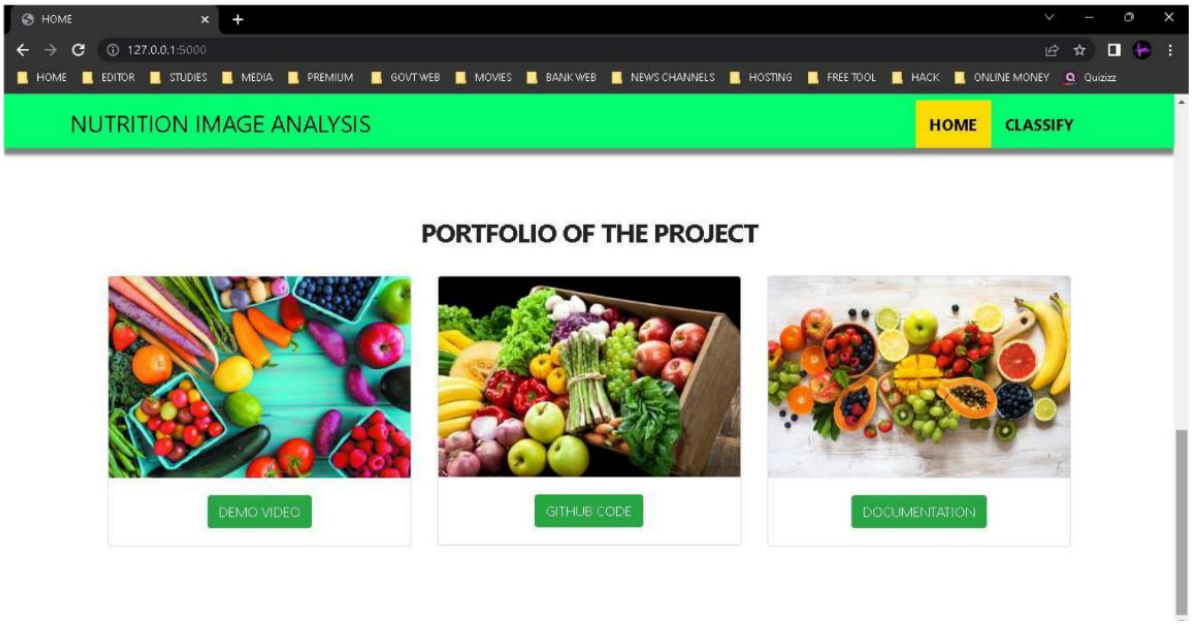
• Then it will run on localhost:5000

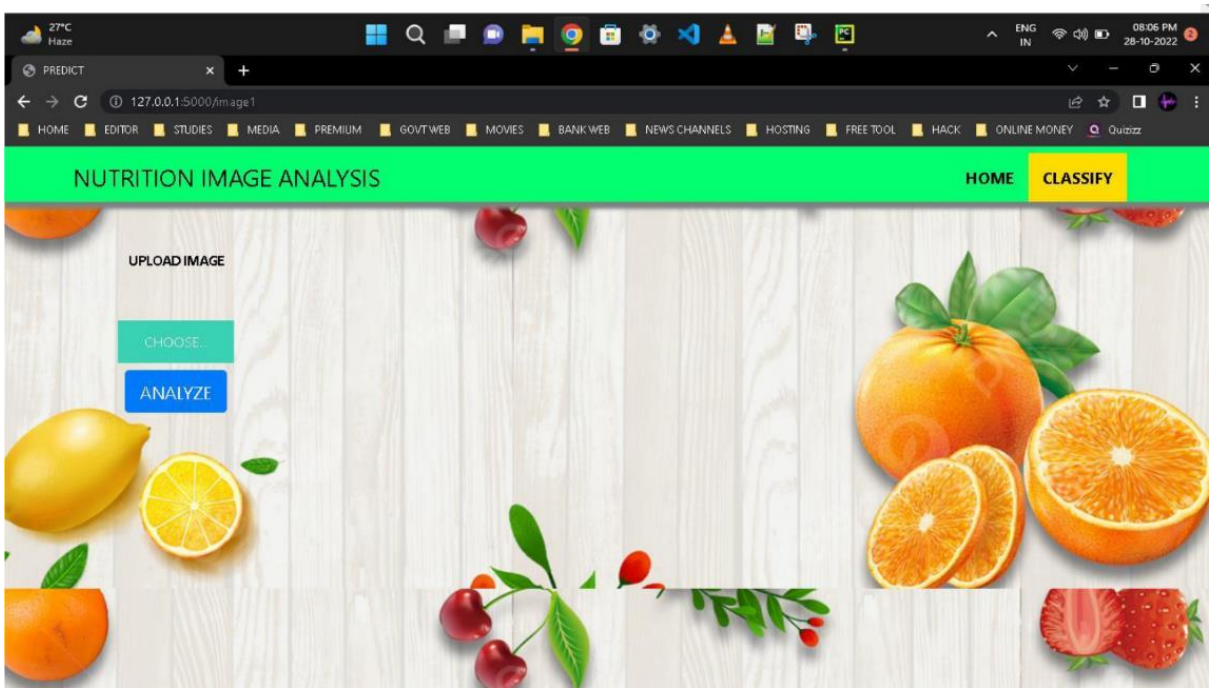


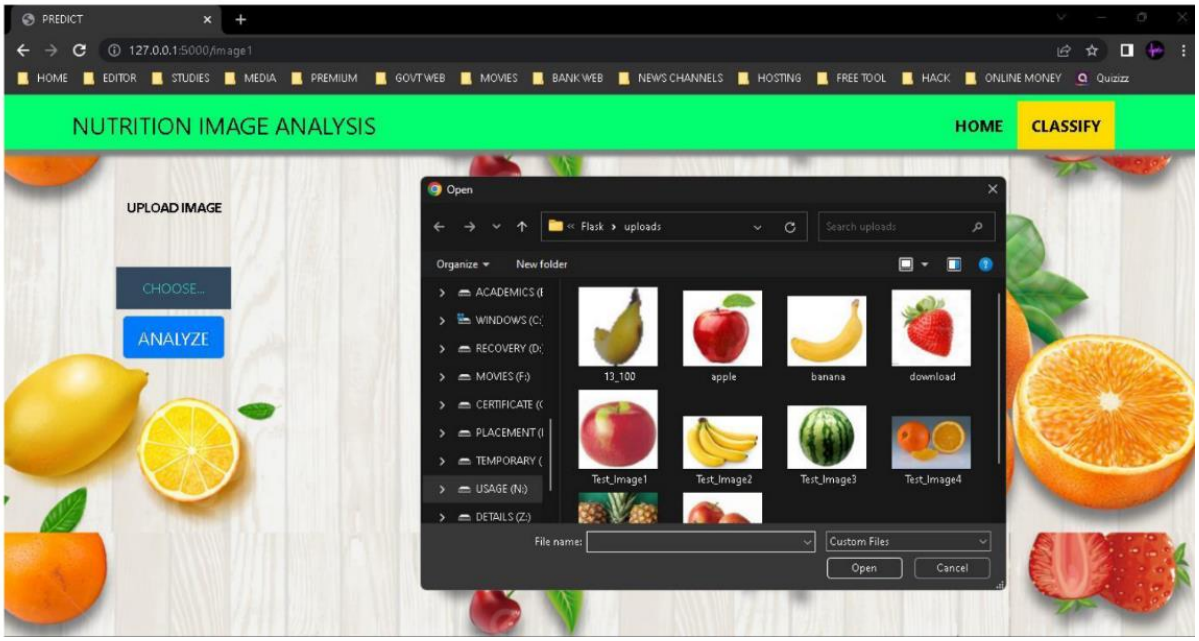
Navigate to the localhost (http://127.0.0.1:5000/)where you can view your web page. Click on classify button to see the results.

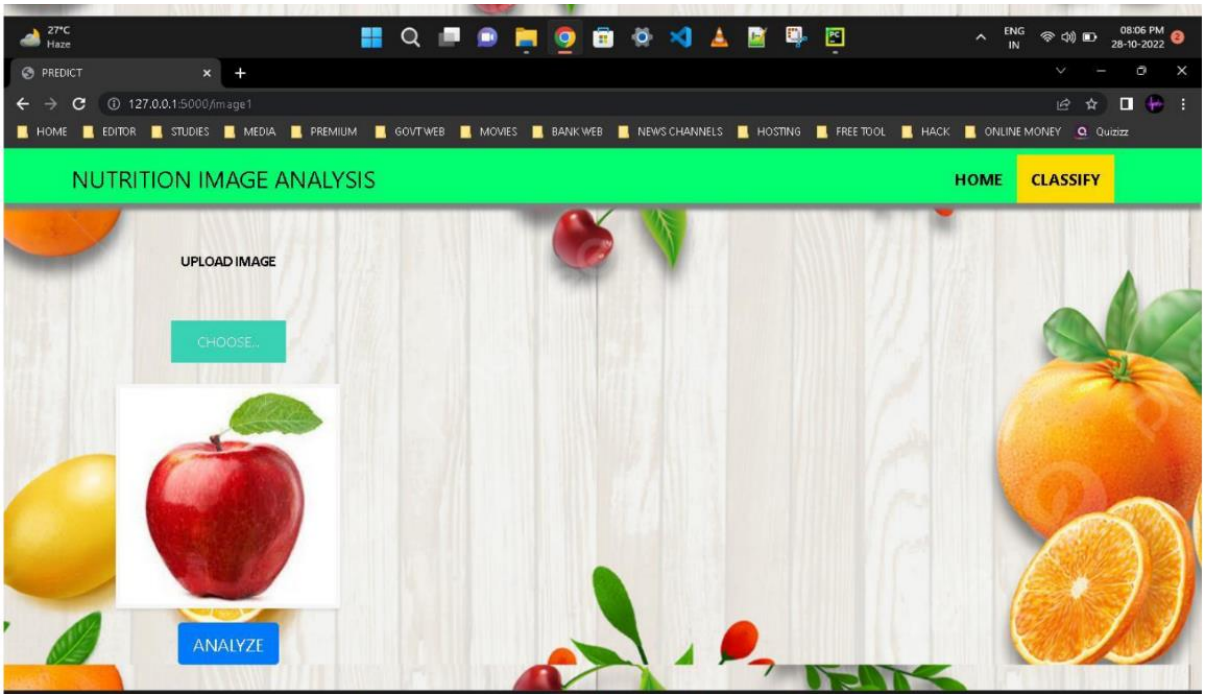
Output screenshots:

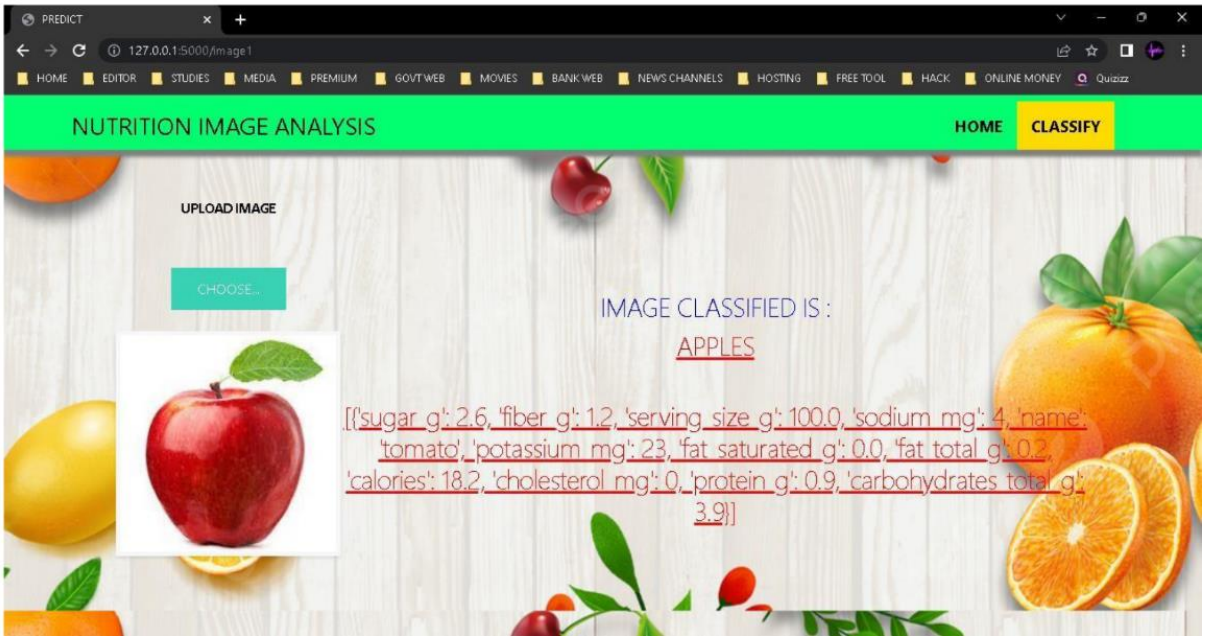

27°C
Haze
ENG
IN
08:06 PM
28-10-2022
HOME
127.0.0.1:5000
HOME
EDITOR
STUDIES
MEDIA
PREMIUM
GOVT WEB
MOVIES
BANK WEB
NEWS CHANNELS
HOSTING
FREE TOOL
HACK
ONLINE MONEY
Quizizz
NUTRITION IMAGE ANALYSIS
HOME
CLASSIFY
AIM OF THE PROJECT
The main aim of the project is to building a model which is used for 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).


HOME
127.0.0.1:5000
HOME
EDITOR
STUDIES
MEDIA
PREMIUM
GOVT WEB
MOVIES
BANK WEB
NEWS CHANNELS
HOSTING
FREE TOOL
HACK
ONLINE MONEY
Quizizz
NUTRITION IMAGE ANALYSIS
HOME
CLASSIFY
PORTFOLIO OF THE PROJECT
DEMO VIDEO
GITHUB CODE
DOCUMENTATION


PREDICT
127.0.0.1:5000/image1
NUTRITION IMAGE ANALYSIS
HOME
CLASSIFY
UPLOAD IMAGE
CHOOSE...
ANALYZE


PREDICT
127.0.0.1:5000/image1
NUTRITION IMAGE ANALYSIS
HOME
CLASSIFY
UPLOAD IMAGE
CHOOSE...
ANALYZE
Open
Flask › uploads
Search uploads
Organize
New folder
13_100
apple
banana
download
Test_Image1
Test_Image2
Test_Image3
Test_Image4
File name:
Custom Files
Open
Cancel


PREDICT
127.0.0.1:5000/image1
NUTRITION IMAGE ANALYSIS
HOME
CLASSIFY
UPLOAD IMAGE
CHOOSE...
ANALYZE


PREDICT
127.0.0.1:5000/image1
NUTRITION IMAGE ANALYSIS
HOME
CLASSIFY
UPLOAD IMAGE
CHOOSE...
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}]