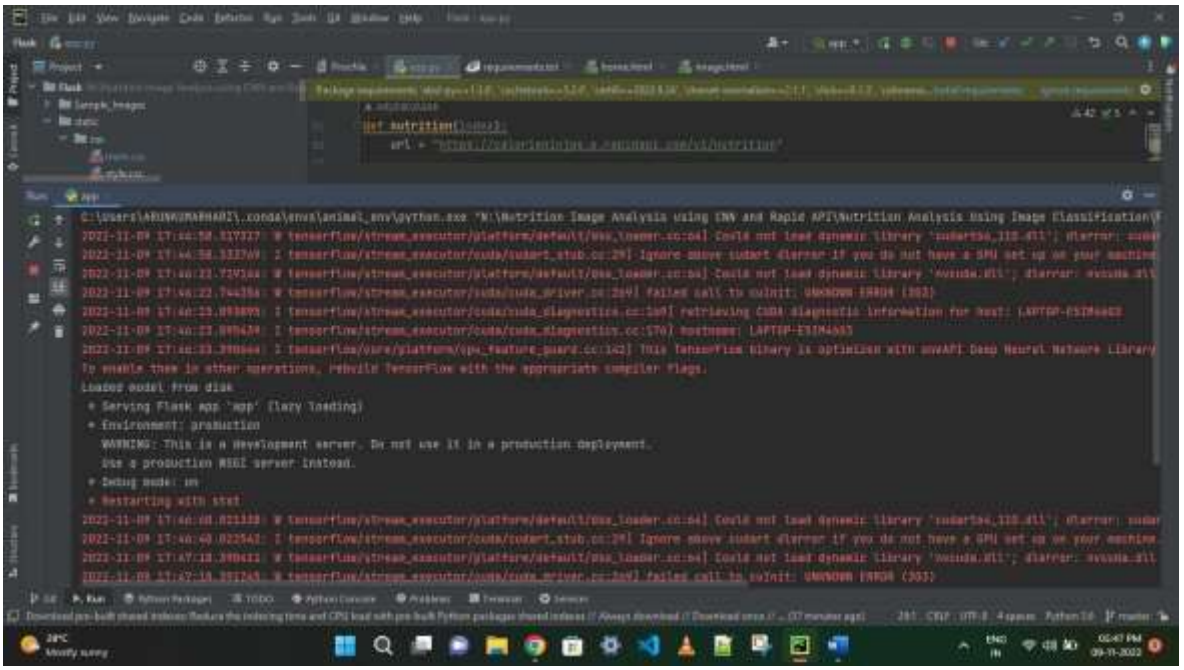
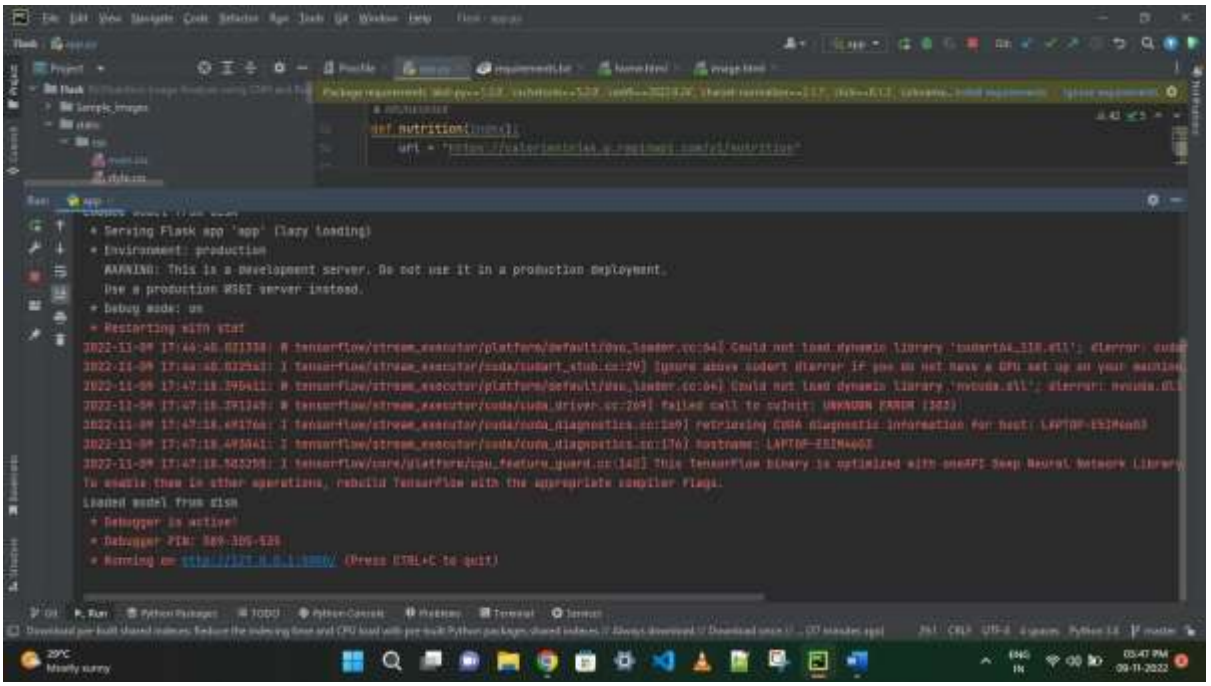
TEAM ID : PNT2022TMID24988

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

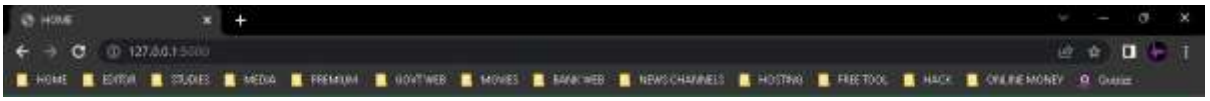




Navigate to the localhost (http://127.0.0.1:5000/)where you can view your web page.

Click on classify button to see the results.

Output screenshots:

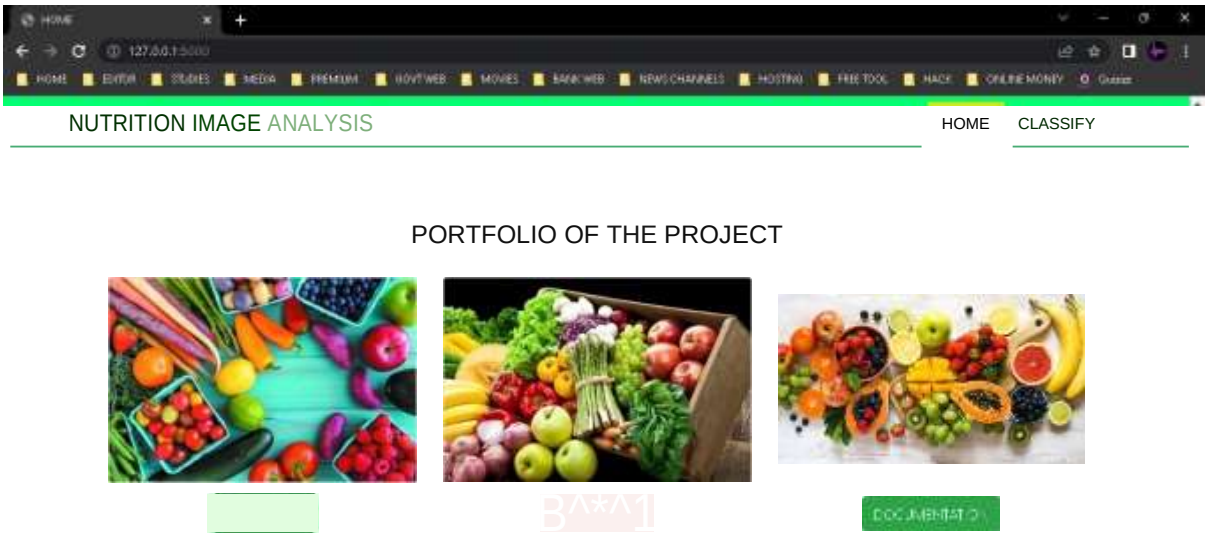


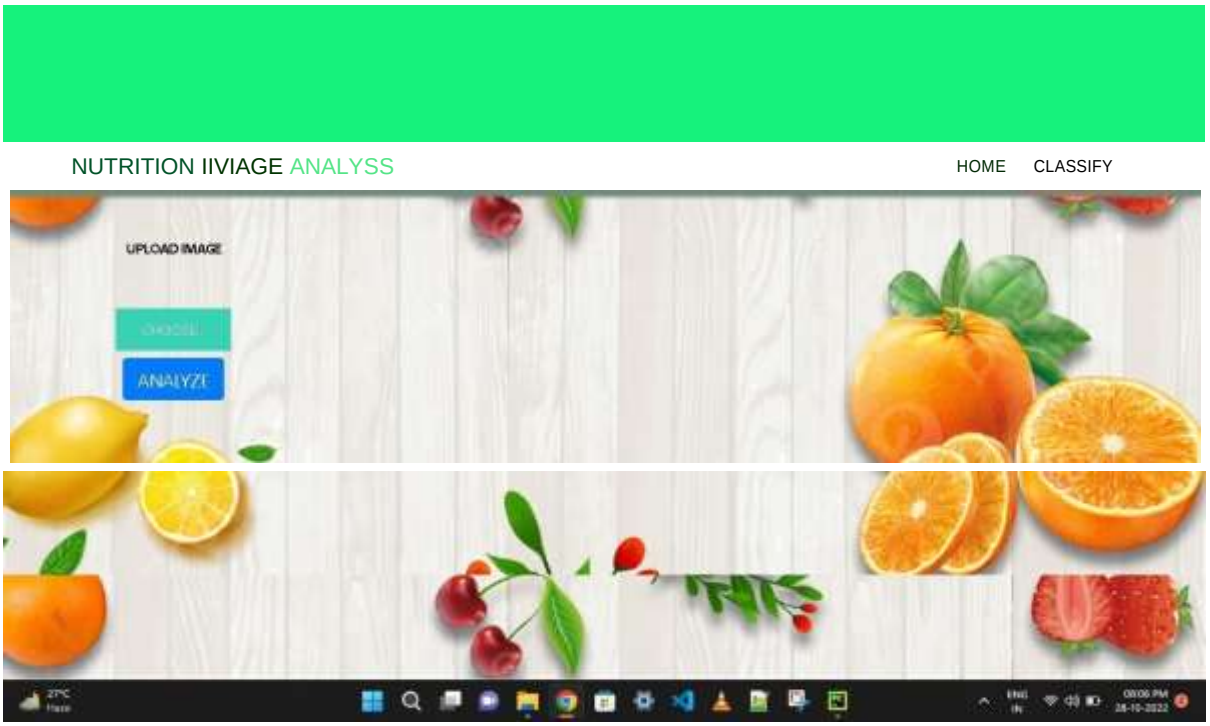
OBJECTIVE OF THE PROJECT

- Food is essen tial for human li fe and has been the concern of many healthcare come n tions
- N ovvadays nevv dietary assessmen I and nutri tion analysis tools en able more opportuni ties to help people understand their daily eati n g habi ls, explori n g nutri tion pal terns and main tain a healthy diel
- N u tri tional analysis is the process of determining the nu tri tional conienl of food
- 1 1is aii tal parl of analy tical chemistry thal pron des in formation aboul the chemical composi tion o essin uali control and contarnin ation of food

AIM OF THE PROJECT

- The main aim of the projecl is to building a model vvhich is used for classi\i n g the fruil depend s on the differen l ch aracteristics like colour, shape, texfure eie
- Here the user can capfure the images of differenl fruils and then the image wi l be senl the trained model
- The model analyses the image and deiecl the nu tri tion based on the fruils like (Sugar, Fibre Protein Ca o es e ie


NUTRITION IMAGE ANALYSIS
HOME
CLASSIFY
PORTFOLIO OF THE PROJECT


NUTRITION IIVIAGE ANALYSS
HOME
CLASSIFY
UPLOAD IMAGE
ANALYZE


HOME
127.0.0.1:5000
NUTRITION IIVIAGE ANALYSS
HOME
CLASSIFY
UPLOAD IMAGE
CHOOSE...
ANALYZE
Open
Flask › uploads
Organize
New folder
ACADEMICS (I:)
WINDOWS (C:)
RECOVERY (D:)
MOVIES (F:)
CERTIFICATE (I:)
PLACEMENT (I:)
TEMPORARY (...)
USAGE (N:)
DETAILS (Z:)
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
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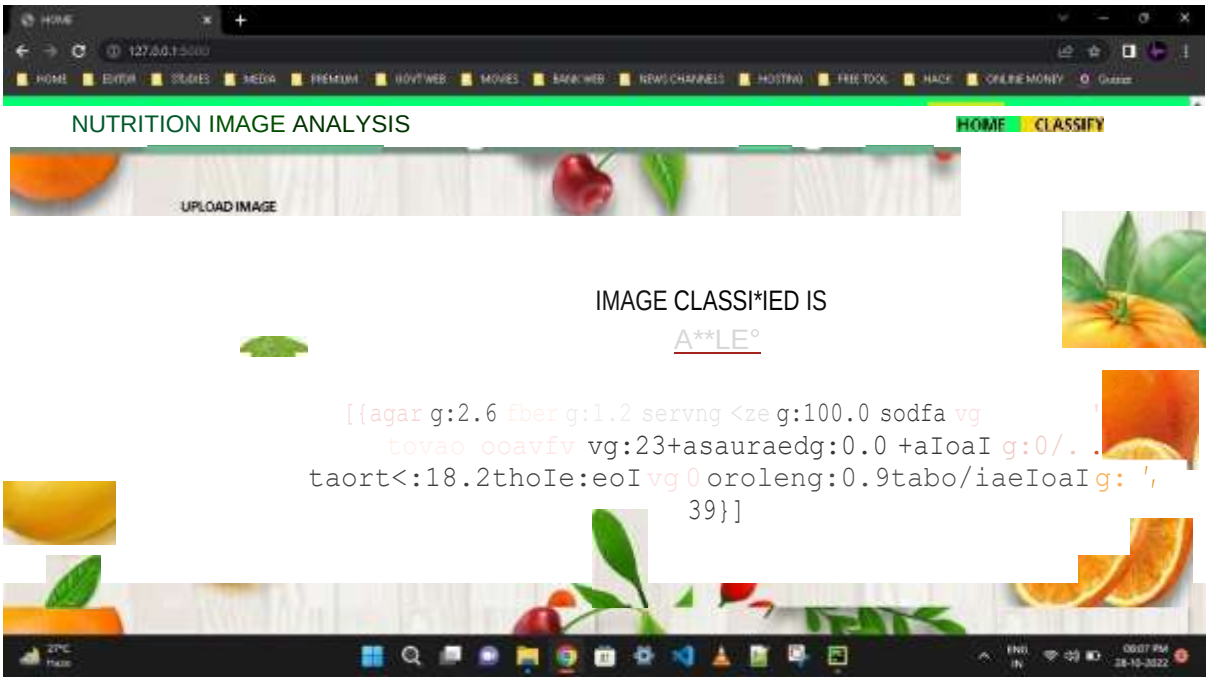
CLASSIFY
UPLOAD IMAGE


ANALYZE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HOME
CLASSIFY
UPLOAD IMAGE
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