

Project Development Phase Sprint 3

Date	10 October 2022
Team ID	PNT2022TMID44653
Project Name	AI - powered Nutrition Analyzer and Fitness Enthusiasts

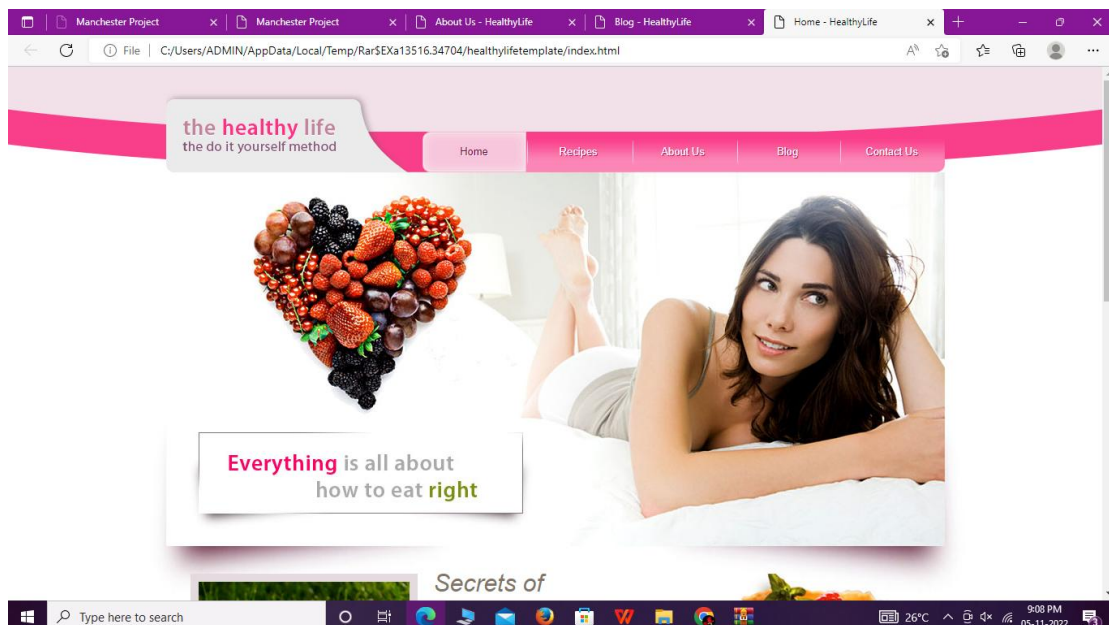
Local Deployment

```

E:\AI-Powered Nutrition Analyzer and Fitness Enthusiasts\venv\Scripts\python.exe "E:\AI-Powered Nutrition Analyzer and Fitness Enthusiasts\app.py"
2022-11-13 18:08:00.124710: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cudart64_110.dll'; derror: cuda
2022-11-13 18:08:00.125579: I tensorflow/stream_executor/cuda/cudart_stub.cc:29] Ignore above cudart dlerror if you do not have a GPU set up on your machine.
check
E:\AI-Powered Nutrition Analyzer and Fitness Enthusiasts\model\fruitsmodel.h5
2022-11-13 18:08:29.388522: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cudart64_110.dll'; derror: cuda
2022-11-13 18:08:29.395489: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cublas64_11.dll'; derror: cublas
2022-11-13 18:08:29.399035: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cublasLt64_11.dll'; derror: cublasLt
2022-11-13 18:08:29.403945: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cufft64_10.dll'; derror: cufft64
2022-11-13 18:08:29.407905: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'curand64_10.dll'; derror: curand
2022-11-13 18:08:29.411705: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cusolver64_11.dll'; derror: cusolver
2022-11-13 18:08:29.415630: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cusparse64_11.dll'; derror: cusparse
2022-11-13 18:08:29.419311: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cudnn64_8.dll'; derror: cudnn64
2022-11-13 18:08:29.419839: W tensorflow/core/common_runtime/gpu/gpu_device.cc:1934] Cannot dlopen some GPU libraries. Please make sure the missing libraries
Skipping registering GPU devices...
2022-11-13 18:08:29.522620: I tensorflow/core/platform/cpu_feature_guard.cc:193] This TensorFlow Binary is optimized with oneAPI Deep Neural Network Library
To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
* Serving Flask app 'app'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit

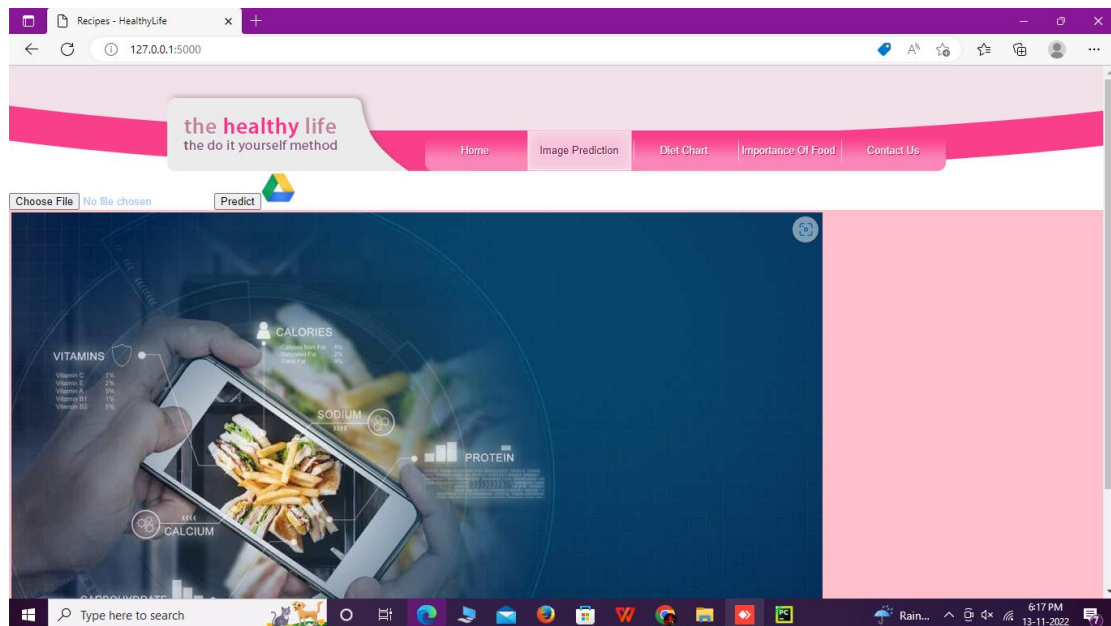
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(Running App! - Flask)

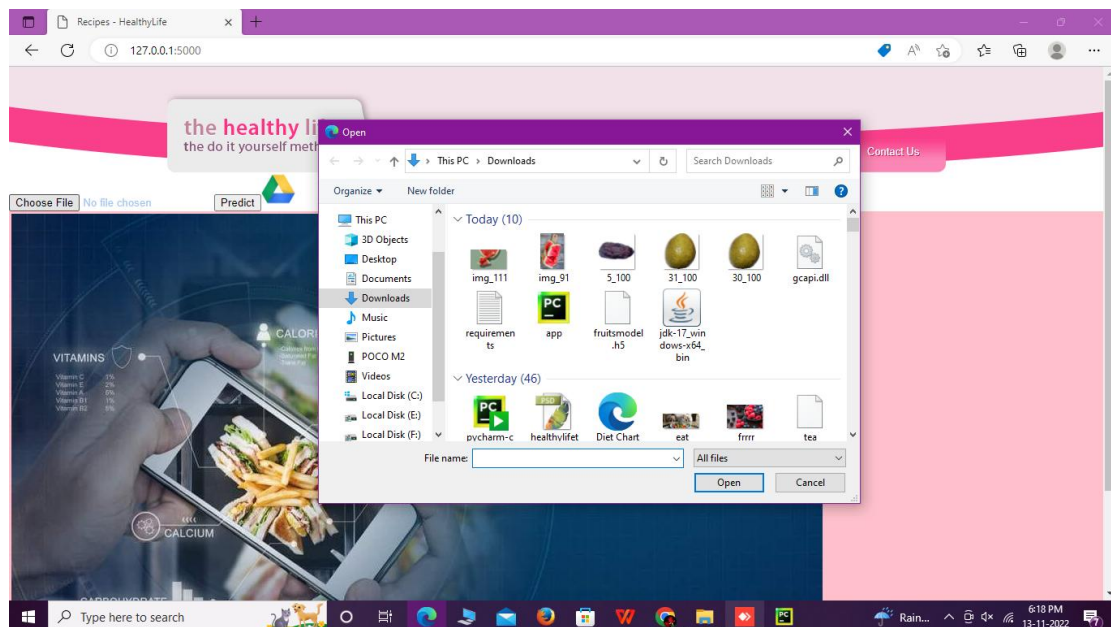


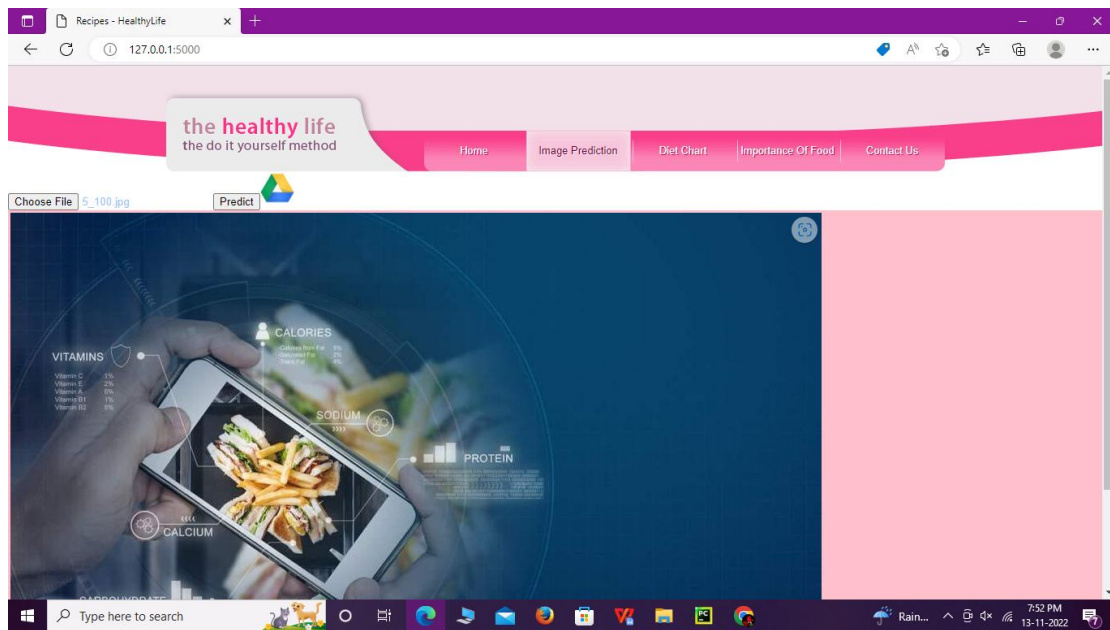
UI Application Opens successfully!

Image Prediction

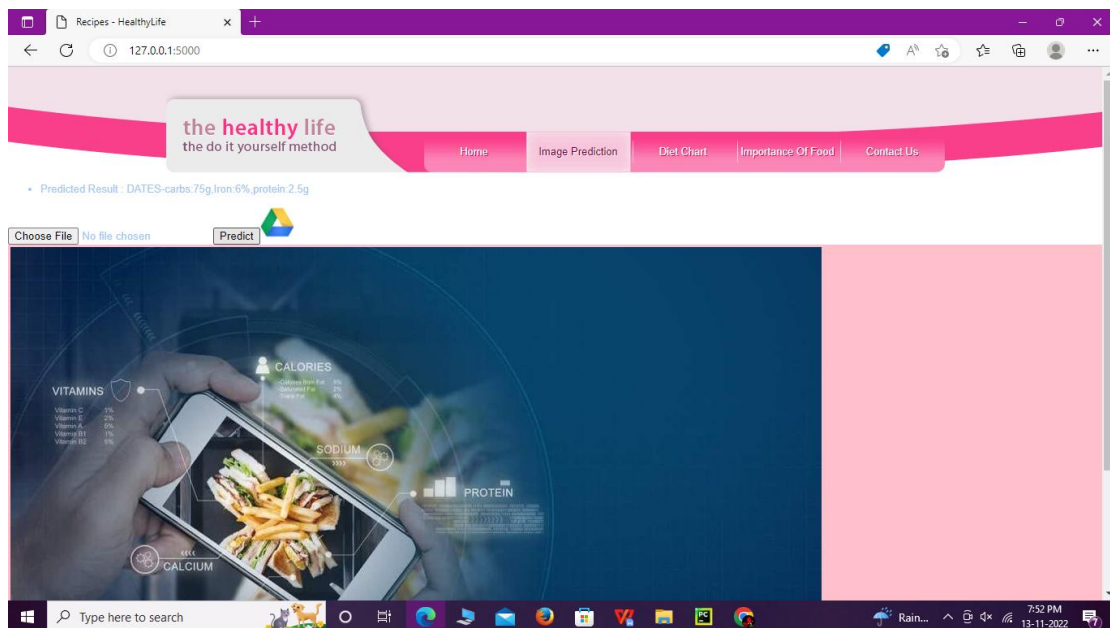


(Click choose to upload files)

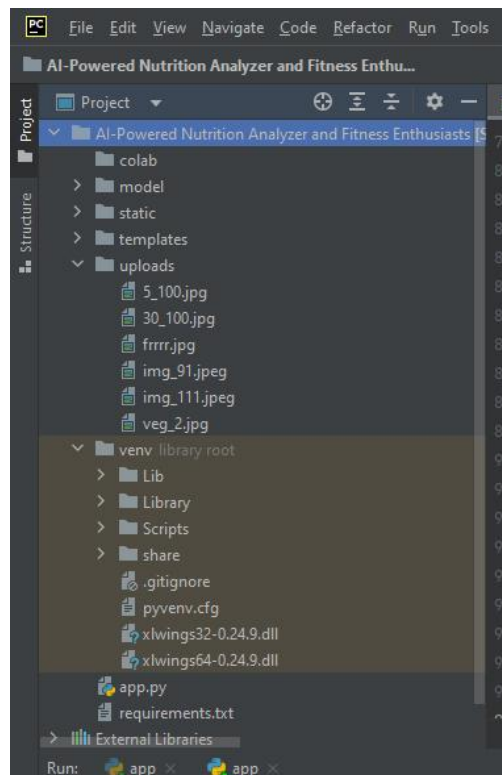




(Image is uploaded - Click predict button to predict)



Result is predicted



(Uploaded image is stored)

the healthy life
the do it yourself method

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	Breakfast	Lunch	Dinner	Snaks
Monday	Scrambled eggs with chopped onion,mushroom,and avocado	Grilled chicken breast with spinach straberry and almond salad	Slow_cooked beef and veggies(carrot,zucchini,and yam)stew	carrot sticks with lime
Tuesday	Fried eggs with bacon	Baked fish filet with broccoli and yam	Roasted jerk pork ribs with baked yam	kale chips
Wednesday	Turkey bacon omelette	Spaghetti squash with beef Bolognese	Rosemary baked salmon with broccoli and asparagus	Peanuts
Thursday	Scrambled eggs with tomato,green chilli and onion	Grilled pork chops with mango salsa and salad	Poached ginger and lemongrass fish filet with green beans	Banana
Friday	Zucchini,tomato,and onion frittata	Roasted chicken drumsticks with garlic and sweet potato	Steak with mashed sweet potato and roasted broccoli	Almonds


Diet Chart

Blog - HealthyLife
127.0.0.1:5000/Importance

the healthy life
the do it yourself method

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Importance of Food in Our Daily Life-How Eating Healthy Affects Our Health?




The importance of food is obvious and essential. Healthy food provides us the nutrients and energy to develop and grow, be active and healthy, to move, play, work, think and learn. Foods are directly related to our body and mental and social health because each food or liquid contain particular nutrition such as carbohydrates, protein, vitamins, minerals, fats, etc, which are very necessary for our physical and mental growth. Food and water are the main sources of nutrition and strengthening the body, but many of the foods we eat do not have any nutritional values. On the contrary, they lead to health problems such as diabetes and heart disease. Therefore, you should choose healthy and balanced foods that can provide enough nutritional value for the body.

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7:57 PM
13-11-2022

Importance of Food

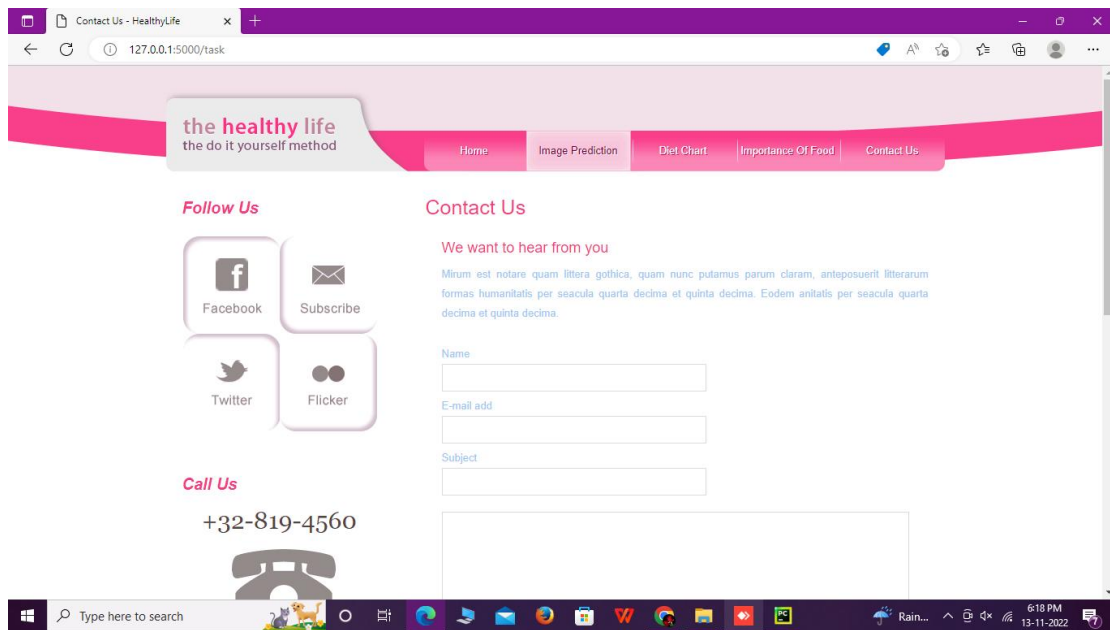
Blog - HealthyLife
127.0.0.1:5000/Importance

WHAT IS FOOD?

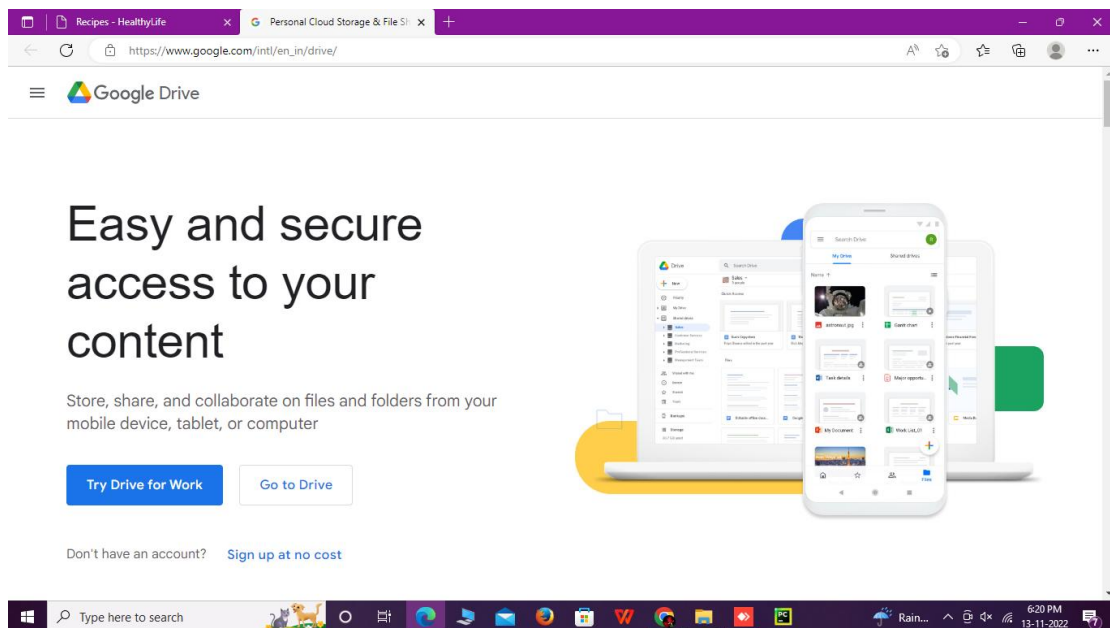


Food is the third most important thing for living beings to provide energy and development, maintain life, or stimulate growth after air and water. In fact, it is one of the most complicated sets of chemicals. Food plays an important role in the promotion of health and disease prevention. In general, it consists of essential nutrients, such as carbohydrates, proteins, fats, minerals and vitamins which are consumed to provide nutritional support for an organism and ingested by an organism and assimilated by the organism's cells to sustain health. These nutritious foods are in the form of grains, pulses, fruits, vegetables, oils, etc. We must know that the terms 'food' and 'nutrition' are

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