

AI-Powered Nutrition Analyzer for Fitness Enthusiasts

GOAL

- ❖ We need to create a application for fitness enthusiasts to monitor their nutrients intake and track their diet
- ❖ An for identify the fruits and their nutrients value based on the user provided image.
- ❖ To create a full functional application to track and maintain healthy life style .

1. Healthy life is wealthy life.
2. Ai algorithm may better understand and predict.
3. Saving the user provide meal plan to prepare diet chart.
4. Ai also helpful to avoid the human error which is imbalanced in food.

DEEPAK KV

1. Collect best data set for Ai model.
2. Articles and blogs related and fitness and healthy lifestyle.
3. Water intake remainder/notification
4. Its predict the complex and non-linear interaction between nutrients.

ARAVINDH M

ADHITHYAN T

1. Diet and health tracking application.
2. Recommendation based on health condition.
3. Tracking user health condition to improve their health.
4. Getting the image as input from user for processing the image.

DHINESH M

1. Helping in identifying non native fruits.
2. Weight management tool.
3. Calculating calories by analysing user input.
4. Weight management tool



The diagram illustrates the structure of a diet and health tracking application. It features a central black rectangular area with four light blue horizontal bars containing text. This central area is flanked by four orange cross-shaped icons, one in each corner. The entire composition is set against a light blue background with rounded corners.

Diet and health tracking application.

**Saving the user provide meal plan to
prepare diet chart.**

Water intake remainder /notification

**Calculating calories by analysing user
input**