

Nutrition Assistant Application

Introduction

Date	15.10.2022
Team ID	PNT2022TMID07854
Team Name	Cloud Based Nutrition Assistant Application
Maximum Marks	4

This literature review provides an update on the findings of the research on nutrition content claims which has been published since 2007. The review examines whether consumers may be misled by nutrition content claims, and whether their behaviour may be influenced by them.

- In India, because of unhealthy food, most young people are dying due to obesity, type 2 diabetes, heart disease, high blood pressure, and stroke.
- Nowadays new dietary assessment and nutrition analysis tools are available.
- Nutritional analysis is the process of determining the nutritional content of food. This helps the fitness enthusiast to track and monitor their intake nutrition and calorie intake.

Social Impact:

- People can do weight managements, strengthen their bones and muscles, manage chronic health conditions & disabilities.

Business Model/Impact:

- Social media is the best way to spread the word about our application. And with the influencers we can attract the normal people.
- Clustering and targeting the fitness people with the help of local gyms.

Literature Survey

A.Android-based food recognition app for nutrition

Nutritrack android food recognition, food analysis, food tracking. In this study, the researcher's attempts to design and develop an android-based food recognition application that could be used as a health awareness tool for non-health conscious individual.

B.Food calories estimation using image processing

Web-based nutrition analysis software. Track nutrition by photos, fodmap &keto recipes, food diary and nutrients tracker to estimate the food calories.

C.Food image recognition and food safety detection

Cloud health care, cloud computing, health care informatics, cyber metrics, co -word analysis. In addition, a method for foreign body detection and recognition in food is proposed.

D.A real time food detection mobile application

Cloud computing, android. We present detection results that including bounding box position and class label.

E.Food recognition and calorie measurement using image processing

Literature Survey

Android, cloud computing, nutrition awareness photo recognition nutrition estimation. Since, obesity has become such a widespread disease, various mobile health applications have been developed for assistive calorie

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