

Your Personal Nutritionist using FatSecret API

ABSTRACT

Personal Nutritionist as the name, the system can act as your personal nutritionist while this system can be used also by nutritionist gaining a lot of information and help in many ways. Fat Secret API helps the System to get the information in many ways. The user can get details about a number of nutrients, vitamins etc of a fruit or vegetable.

This library provides a lightweight python wrapper for the Fat secret API with the goal of making it easier to visualize the data retrieved from the API. To that end, this library will usually return lists of identical elements for ease of plotting, discarding extra header fields that the Fat secret API otherwise includes. All API calls return either a single or list of JSON dictionaries.

EXISTING SYSTEM

Personal Nutritionist as the name, the system can act as your personal nutritionist while this system can be used also by nutritionist gaining a lot of information and help in many ways. Fat Secret API helps the System to get the information in many ways. The user can get details about a number of nutrients, vitamins etc of a fruit or vegetable. In this existing some problems are present those are solved in proposed system.

DRAWBACKS

- The System needs an active Internet Connection.
- The data may be inaccurate if there are problems with the internet.

PROPOSED SYSTEM

The user can add his recipes or get recopies using the API. The System basically helps the user in what to eat and which is good, what will help him and etc, the system will help him

filter things easily. The System also allows the user to make a diet plan and remind him his food timings.

ADVANTAGES

- The System can be operated only if the user is a registered user thus securing data.
- The user is allowed to make a diet plan and set reminders.
- With the help of Fat Secret API the user can gain a lot of information about a food or eatable.

Modules:

- Registration: The user needs to register into the system.
- Login: The user has to login to make use the of the system.
- Details: The user will get details about an object he gave as input; object may be any fruit, vegetable etc.
- Diet Plan: The user can make a diet plan and set reminders for certain things such as food etc.
- Recipes: The user can add recipes or get recipes using FatSecret API.

System Requirements:

Software Requirements:

- Operating System : Windows XP, Windows 7(ultimate, enterprise)
- IDE : Android Studio

Hardware Components:

- Processor : i3
- Hard Disk : 5 GB
- Memory : 1GB RAM
- Android Phone with kitkat and higher.