



NutriTrack

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Calorie counting is tedious enough.
We often forget about tracking the
nutrients that our bodies require to
be healthy!



Solution

Provide users an accessible and convenient way to track their health

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Solution

An interactive, personalized chatbot

Idea Timeline

1. Taking a food label, extract the nutrition values using the AWS detect-text API
2. Examining a food photo for nutrition values using the AWS detect-labels API
3. Integration with
 - a. Alexa/ Google Home
 - i. User can tell the device what they ate for nutritional info
 - b. Instagram/ Facebook
 - i. Photos of food uploaded to stories for nutritional info

Idea Timeline

4. Take values from nutrition database API Nutritionix and perform calculations
5. Create a local database of common foods and select foods using text

Business



- 200 million active users on Telegram can easily use our chatbot
- Public bot API
- Free trial -> paid subscription
- Paid subscription unlocks additional information

Chatbot Features

- User inputs characteristics
- User tells the bot what they have eaten
- Bot tells the user nutritional information and additional data

Technical

- Telegram Chatbot
 - Python
- Photo Recognition API
 - AWS, Azure, Cloud



Plans to Improve

- Learn how to use APIs
- Social media integration
- Voice assistant integration
- Reminders/Suggestions for what you should eat

Advantage

- CONVENIENCE!
- Users do not need to install another app for fitness. The chatbot is added on Telegram, which users may already use!
- Voice Assistant integration allows the user to speak rather than entering data about what they ate.
- Social media integration automatically uses food uploaded on stories to add to daily count of nutrients!