



MoveIt!

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ECE 564

Motivation

- 80% of adults in the US do not achieve recommended levels of physical activity, and 90% of Americans eat more sodium than is recommended for a healthy diet
- In total, poor physical activity and diet habits result in \$117 billion dollars in preventable healthcare costs

Goal

Our goal is to design and test an iOS app that utilizes real-time GPS location and context awareness to

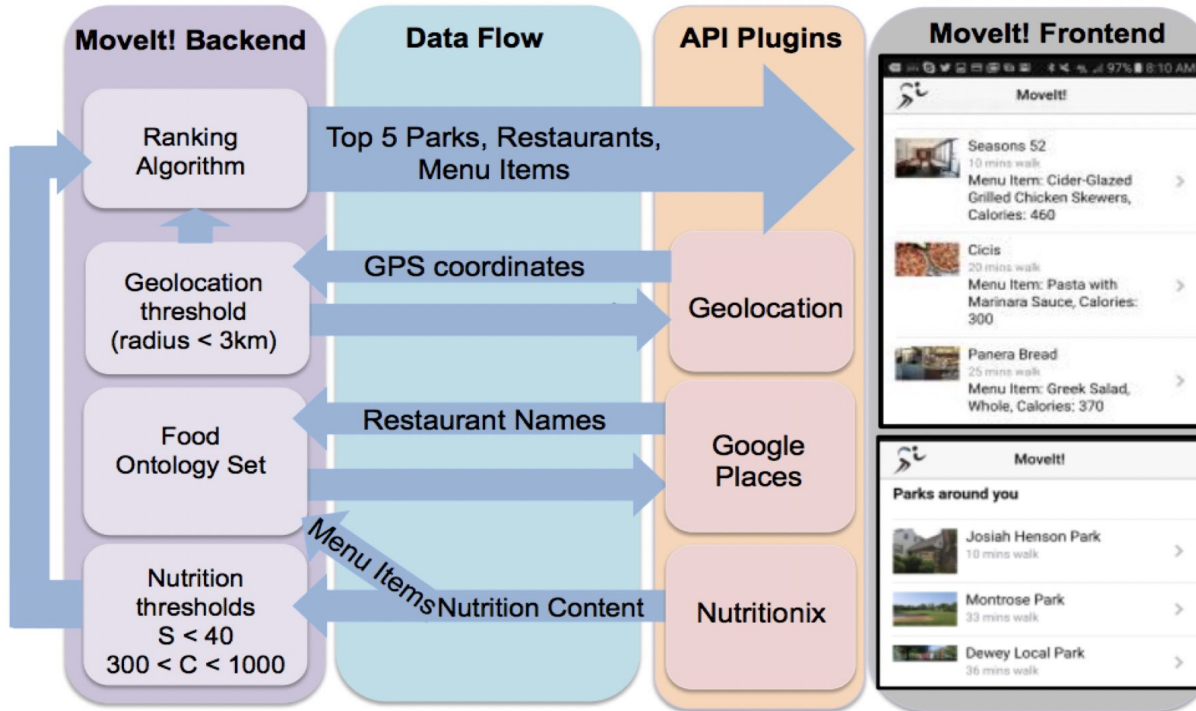
- make suggestions for healthier lifestyle choices based on an individual's personal health and environmental circumstances
- tracks adherence to the recommendations

Functions

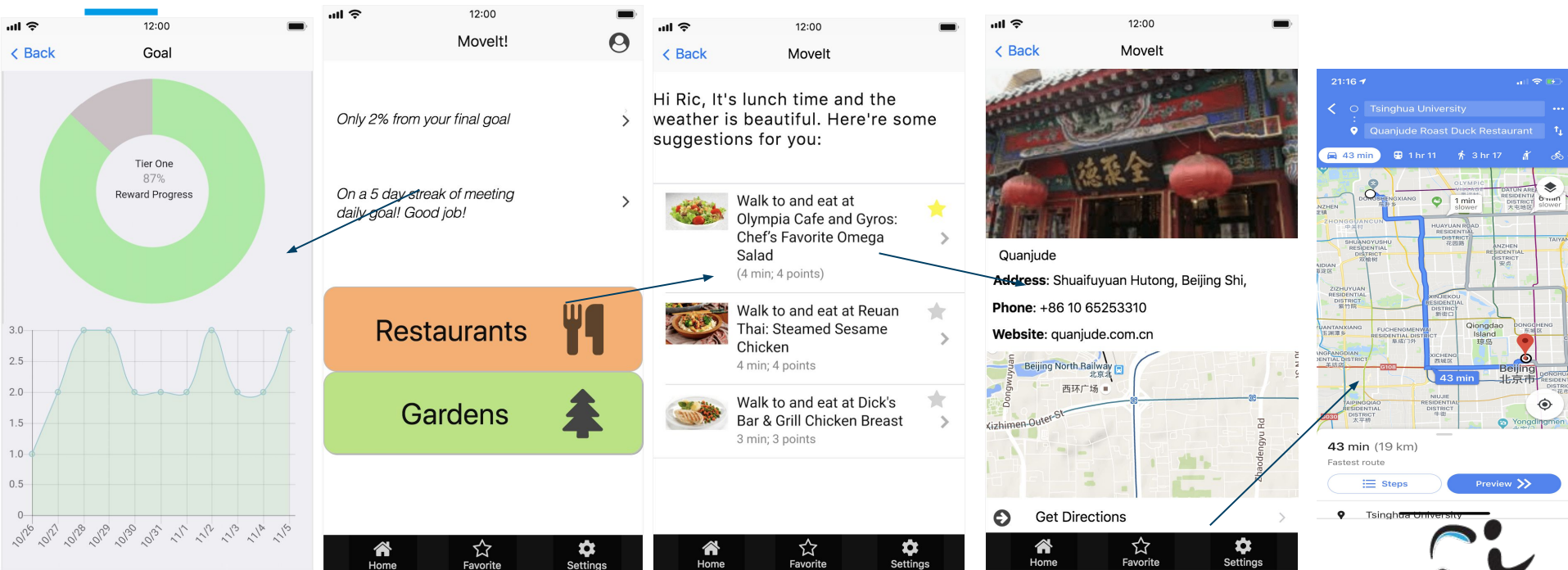
- Movement activity tracking
- Dietary tracking
- Location-based restaurant and movement recommendations
- Data collection from the user inputs for push notifications based on thresholds defined by researchers



System Architecture



User Interface Screen Flow



THANK YOU!

Any Questions?

Overview



Note: [Server-side and client-side libraries](#)

The Places API is a service that returns information about places using HTTP requests. Places are defined within this API as establishments, geographic locations, or prominent points of interest.

Introducing the API

The following place requests are available:

- [Place Search](#) returns a list of places based on a user's location or search string.
- [Place Details](#) returns more detailed information about a specific place, including user reviews.
- [Place Photos](#) provides access to the millions of place-related photos stored in Google's Place database.
- [Place Autocomplete](#) automatically fills in the name and/or address of a place as users type.
- [Query Autocomplete](#) provides a query prediction service for text-based geographic searches, returning suggested queries as users type.

Each of the services is accessed as an HTTP request, and returns either an JSON or XML response. All requests to a Places service must use the `https://` protocol, and include an API key.

The Places API uses a place ID to uniquely identify a place. For details about the format and usage of this identifier across the Places API and other APIs, see the [Place IDs](#) documentation.

Nutritionix API

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You are here: [Restaurants](#) > [KFC](#) > [Nutrition Calculator](#)

Kentucky Fried Chicken

KFC Nutrition Calculator

Like 4.9K

1 Build Your Meal

Start Over

Dipping Sauces & Condiments

Dipping Sauces & Condiments

Creamy Buffalo Dipping Sauce Cup

2 Customize

Dipping Sauce

1 Creamy Buffalo Dipping Sauce Cup

Add to Meal

Your Basket

1.0 Dipping Sauce

3 Share or Log This Meal

Share URL

<https://www.nutritionix.com/m/v/>

Share

Log Food

Last Updated: 09/18/2018

[+] Discussion (0 Comments)

Calorie Diet 2000

Set as default



Print

Nutrition Facts

Serving Size: 1 Sauce

Amount Per Serving

Calories 70

	% Daily Value*
Total Fat 7g	11%
Saturated Fat 1g	5%
Trans Fat 0g	
Cholesterol < 5mg	2%
Sodium 510mg	21%
Total Carbohydrates 2g	1%
Dietary Fiber 0g	0%
Sugars 0g	
Protein 0g	

*Percent Daily Values are based on a 2000 calorie diet.

INGREDIENTS: Dipping Sauce (Creamy Buffalo Dipping Sauce Cup, Cayenne Pepper Concentrate (Aged ... [View All Ingredients](#))

[Disclaimer](#)



You can scan this QR code to track this meal in the [Nutritionix Track mobile app](#).

Feedback