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411 Project proposal

Primary Idea:

A website for helping users find some possible vacation destinations for a particular time slot. Users can select their preferred time period for vacation and favored kind of destinations. The website then returns a list of destinations which are in their best time of travel and match users' selections. Additional information, such as hotel, flight, special events, possible weather during the time slot, and some pictures of their feature spots will also be shown. It also returns some reviews, personal experience and travel tips. OAuth will be used as third-party authentication to log in with Twitter or Google. One travel API and one weather API are needed. Some possible choices are:

- sletoh.com
- Allmyles
- Amadues
- TripAdvisor
- Weatherbit Historical Energy Weather
- Rainviewer
- Weatherbit Historical Weather Hourly

Secondary Idea:

A website for helping people with their diet/fitness. Users will input the workouts/exercises they have done that day and will receive an output of recommended food choices based on the amount of calories that the user has burned. We would need an API that determines how many calories each exercise burns and another API that provides the calories of each food item.

Some possible choices are:

- Edamam Diet Recommendations
- The Nutritionix Track
- CalorieKing
- Can I Eat It? Barcode REST
- Wger workout manager

Title:

Contact:

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Client Description

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About this template

This template provides preliminary information necessary for the faculty and clients to evaluate our proposal. We will use the Scrum process to capture our software requirements.

Abstract:

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Objective:**User Needs****Deliverables**

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Analysis Method and Techniques:

- Java script

Approach:**Sprint 1:**

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Sprint 2:

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Reference and Resources:

- 1.