Table of Contents

High-level description of the design (and how it is biased to meet business goals and user needs)

NutriCoach seeks to improve users' healthy habits by providing them with tools to manage their nutritional and physical well-being. The application allows users to track their daily physical activity and food consumption through a daily log. The daily log keeps account of the individual's food/caloric intake and their total physical activity/calories burned. The information captured by the log is then compared to their daily/weekly goal to ensure that the user is staying on track with his/her nutritional and physical requirements. Additionally, the tool allows users to create grocery lists and search for recipes that meet their dietary needs.

The information architecture that we decided to create is biased to meet our business goals and user needs. We based our bias after analyzing the Similarity Matrix, Dendograms and Participant-Centric Analysis provided by OptimalSort results. It was clear that there were distinct categories that users consistently used to rank all of the pages within the NutriCoach application (see Result below for further explanation). The Participant-Centric Analysis in particular influenced the grouping of categories, and in effect, our 25 card-sort participants became information architects as each selected very similar groupings. There were two groups that 25 out of 25 participant sorts were similar to each other, and one that was 24 out of 25. Here are the resulting categories suggested by PCA we decided to use: Food and Grocery, Recipes, Food Journal, Activity and Profile & Settings. This report shows the process of how we determined these categories.

Description of card sort and results

To help organize and categorize the NutriCoach application, we first identified 61 pages to be included in the site. They were entered into the OptimalSort program where they were tested and evaluated. The pages were randomly sorted in no particular order, and participants were asked to sort them into categories they generated. This was done using the open-sort method. The card sort activity was sent to a diverse group of participants, and then the categories and pages were evaluated to find a clear emerging pattern in information architecture.

Our NutriCoach OptimalSort Overview Result can be viewed online.

Demographics: Our Participants

The study yielded 26 total participants. The breakdown by gender, age, education and Internet usage are as follows:

Gender

Choice	Percentage	Count
Male	80.8%	21
Female	19.2%	5

Age

Choice	Percentage	Count
25 and under	3.8%	1
25-35 years old	7.7%	2
36-45 years old	34.6%	9
46-55 years old	46.2%	12
55-60 years old	3.8%	1
Over 60	3.8%	1

Education

Choice	Percentage	Count
High School	0%	0
Some College	0%	0
2-Year College or Certificate	3.8%	1
Undergraduate Degree	34.6%	9
Graduate Degree or Higher	61.5%	16

Internet Usage

Choice	Percentage	Count
Less than one hour	0%	0
One to three hours	38.5%	10
More than three hours	61.5%	16

Fitness and/or nutritional software used (open-ended questions)

1. Couch to 5k
2. Nike +
3. Walkadoo
4. Fitness Tracking apps

Results

The results approached a statistically significant number (26), so we are confident in the groupings that emerged. We saw clear trends in categorization that validated our original structure of how the pages should be grouped. Although there was a bit of variably on what participants named certain categories, a clear pattern emerged.

Below is a [Similarity Matrix](#) that outlines the NutriCoach category groupings:

Label	Values
Vegetables Items	
Grains Items	100
Dairy Items	96, 96
Protein Food Items	96, 96, 92
Fruits Items	96, 96, 92, 100
Food Pyramid	56, 56, 52, 60, 60
About Your Nutritionist	8, 8, 8, 12, 12, 32
Ask a Question	0, 0, 0, 0, 0, 8, 44
Password Recovery	0, 0, 0, 0, 0, 20, 64
Registration	0, 0, 0, 0, 0, 20, 60, 96
Login	0, 0, 0, 0, 0, 20, 56, 92, 96
Personal Profile	0, 0, 0, 0, 0, 24, 48, 68, 64, 68
Edit Profile	0, 0, 0, 0, 0, 28, 56, 76, 72, 68, 92
Device Input	0, 0, 0, 0, 4, 24, 48, 56, 56, 52, 56, 64
Activity Log Over Time	0, 0, 0, 0, 0, 12, 28, 24, 24, 28, 40, 36, 40
My Progress	0, 0, 0, 0, 0, 4, 16, 16, 12, 12, 16, 40, 32, 24, 52
My Diet Plan	4, 4, 4, 0, 0, 12, 28, 4, 8, 8, 12, 28, 20, 8, 24, 48
Your Nutrition Plan	12, 12, 16, 8, 8, 16, 32, 8, 8, 8, 12, 28, 16, 8, 28, 40, 56, 56
Diet Log	4, 4, 8, 0, 0, 4, 24, 4, 4, 4, 8, 16, 12, 12, 28, 40, 56, 56
Total Calories Consumed	4, 4, 8, 0, 0, 8, 12, 4, 4, 4, 4, 8, 16, 24, 20, 64
Vegetables Consumed	4, 4, 8, 0, 0, 8, 8, 0, 0, 0, 0, 0, 4, 4, 8, 24, 20, 52, 84
Water Consumed	4, 4, 8, 0, 0, 8, 8, 0, 0, 0, 0, 0, 4, 4, 8, 24, 20, 52, 84, 100
Carbohydrates Consumed	4, 4, 8, 0, 0, 8, 8, 0, 0, 0, 0, 0, 4, 4, 8, 24, 20, 52, 84, 100, 100
Proteins Consumed	4, 4, 8, 0, 0, 8, 8, 0, 0, 0, 0, 0, 4, 4, 8, 24, 20, 52, 84, 100, 100, 100
Fats Consumed	4, 4, 8, 0, 0, 8, 8, 0, 0, 0, 0, 0, 4, 4, 8, 24, 20, 52, 84, 100, 100, 100, 100
Grains Consumed	4, 4, 8, 0, 0, 8, 8, 0, 0, 0, 0, 0, 4, 4, 8, 24, 20, 52, 84, 100, 100, 100, 100
Alcohol Consumed	4, 4, 8, 0, 0, 12, 12, 0, 0, 0, 0, 0, 4, 4, 8, 28, 24, 48, 80, 96, 96, 96, 96, 96, 96
Fruits Consumed	4, 4, 8, 4, 4, 12, 8, 0, 0, 0, 0, 0, 4, 4, 20, 16, 44, 76, 92, 92, 92, 92, 92, 88
Sodium Intake	4, 4, 8, 0, 0, 8, 8, 0, 0, 0, 0, 0, 4, 12, 32, 20, 48, 76, 84, 84, 84, 84, 84, 80, 76
Sugar Tracker	8, 8, 12, 4, 4, 20, 16, 0, 0, 0, 0, 0, 0, 8, 32, 20, 48, 64, 72, 72, 72, 72, 72, 68, 64, 68
Target Calories	4, 4, 4, 0, 0, 8, 16, 4, 4, 4, 8, 12, 8, 12, 40, 48, 24, 48, 48, 32, 32, 32, 32, 36, 24, 48, 44
Calories Burned	4, 4, 8, 0, 0, 4, 4, 4, 4, 8, 8, 4, 8, 28, 28, 20, 16, 32, 44, 28, 28, 28, 28, 28, 24, 20, 44, 40, 60
Yoga	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 28, 8, 0, 0, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 12, 32
Biking	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 28, 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 32, 96
Swimming	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 28, 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 32, 96, 100
Running	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 28, 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 32, 96, 96, 96
Exercise Class	0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 12, 28, 12, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 16, 32, 96, 96, 96, 96
Weight Training	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 28, 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 32, 96, 96, 96, 96, 96
Walking	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 24, 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 32, 92, 92, 92, 92, 92
Hiking	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 24, 8, 0, 0, 0, 0, 0, 0, 0, 0, 12, 32, 92, 92, 92, 92, 92, 92, 96
Other Activities	0, 0, 0, 0, 0, 0, 0, 4, 4, 4, 4, 4, 12, 28, 8, 0, 4, 0, 0, 0, 0, 0, 0, 8, 28, 84, 84, 84, 84, 88, 88
Steps	0, 0, 0, 0, 0, 8, 12, 20, 20, 20, 24, 28, 24, 32, 44, 32, 12, 16, 16, 8, 4, 4, 4, 4, 4, 4, 4, 20, 32, 56, 56, 56, 56, 56, 56, 56, 52
Your Grocery List	56, 56, 56, 52, 52, 28, 8, 0, 0, 0, 4, 16, 8, 4, 16, 24, 4, 24, 12, 12, 12, 12, 12, 12, 12, 8, 12, 4, 4, 4, 4, 4, 4, 8, 4
Share Grocery List	44, 44, 44, 40, 40, 24, 16, 4, 4, 12, 12, 8, 16, 20, 28, 36, 24, 16, 12, 12, 12, 12, 12, 12, 12, 8, 12, 4, 4, 4, 4, 4, 4, 4, 76
Share Recipe Options for the Week	0, 0, 0, 0, 4, 24, 20, 0, 0, 4, 4, 0, 8, 16, 12, 16, 20, 12, 12, 12, 12, 12, 12, 16, 12, 8, 12, 0, 0, 0, 4, 0, 0, 0, 4, 12, 32
Vegetarian Recipes	4, 4, 4, 4, 4, 8, 4, 0, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 4, 8, 56
Detox Recipes	4, 4, 4, 4, 4, 8, 4, 0, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 4, 8, 56, 100
Diabetes Recipes	4, 4, 4, 4, 4, 8, 4, 0, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 4, 8, 56, 100, 100
Fat Burning Boost Recipes	4, 4, 4, 4, 4, 8, 4, 0, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 4, 8, 56, 100, 100, 100
Post-Workout Recipes	4, 4, 4, 4, 4, 8, 4, 0, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 4, 8, 56, 100, 100, 100, 100
Energy Boost Recipes	4, 4, 4, 4, 4, 8, 4, 0, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 4, 8, 56, 100, 100, 100, 100, 100
Protein Drink Recipes	4, 4, 4, 4, 4, 8, 4, 0, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 4, 8, 56, 100, 100, 100, 100, 100, 100
Low calorie Recipes	4, 4, 4, 4, 8, 8, 0, 0, 0, 0, 0, 0, 0, 0, 4, 8, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 4, 8, 52, 96, 96, 96, 96, 96, 96, 96, 96
Dessert Recipes	4, 4, 4, 4, 8, 8, 0, 0, 0, 0, 0, 0, 0, 0, 4, 8, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 4, 8, 48, 92, 92, 92, 92, 92, 92, 92, 92, 96
Breakfast Recipes	4, 4, 4, 4, 8, 8, 0, 0, 0, 0, 0, 0, 0, 0, 4, 8, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 4, 8, 48, 92, 92, 92, 92, 92, 92, 92, 96, 100
Lunch Recipes	4, 4, 4, 4, 8, 8, 0, 0, 0, 0, 0, 0, 0, 0, 4, 8, 0, 0, 0, 0, 0, 0, 4, 4, 0, 0, 0, 0, 0, 4, 8, 48, 92, 92, 92, 92, 92, 92, 92, 96, 100, 100
Dinner Recipes	8, 8, 8, 4, 8, 4, 0, 0, 0, 0, 0, 0, 0, 4, 8, 4, 4, 4, 4, 4, 4, 4, 4, 0, 0, 4, 8, 12, 52, 96, 96, 96, 96, 96, 96, 96, 96, 92, 88, 88
Weight Loss Recipes	4, 4, 4, 4, 8, 4, 0, 0, 0, 0, 0, 0, 0, 4, 8, 4, 0, 0, 0, 0, 0, 0, 4, 8, 4, 0, 0, 0, 0, 4, 8, 56, 96, 96, 96, 96, 96, 96, 96, 92, 88, 88, 92
Pre-Workout Recipes	4, 4, 4, 4, 8, 4, 0, 0, 0, 0, 0, 0, 0, 8, 4, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0, 0, 0, 4, 8, 56, 96, 96, 96, 96, 96, 96, 92, 88, 88, 92, 92
Sweet Sleep Recipes	0, 0, 0, 0, 0, 16, 0, 4, 4, 16, 16, 4, 12, 24, 28, 32, 16, 8, 8, 8, 8, 8, 8, 12, 8, 4, 8, 0, 0, 0, 0, 0, 0, 24, 28, 56, 68, 68, 68, 68, 68, 72, 68, 68, 64, 64, 64
My Recipes	

While it may be difficult to read at a glance, the dark blue shaded areas represent similarities in groupings. These areas represent close to 100% of participants who agree with each card pairing. The similar cards are clustered along the outermost edge, and that is where the clear categories emerged.

In addition, we asked participants if they felt anything was missing. Suggestions were:

1. Sleep log
2. Stress Meter/log
3. Spiritual/mental well-being log
4. Allergies and special diets like gluten or dairy free
5. A "My Activity" plan

6. "Ask the Expert" video demonstrations

Categories obtained from results

We got our sorted categories through the similarity matrix and analyzed Excel data as well at the Dendrogram:

The following categories were validated as the most prevalent:

1. Recipes
2. Activities
3. Diet Log
4. Food Items
5. Profile

The Participant-Centric Analysis (PCA) charts on Optimal sort displays the top most acceptable information architecture submissions by participants. Below are PCAs that confirm the top categories we identified:

Recipes	Activities	Diet Log
recipes / Recipies / Healthy Recipes	Exercise / Fitness Routines / Staying Healthy	Consumption / food journal / FUEL IN
My Recipes	Steps	Dairy Items
Breakfast Recipes	Weight Training	Calories Burned
Lunch Recipes	Exercise Class	Proteins Consumed
Dinner Recipes	Running	Carbohydrates Consumed
Dessert Recipes	Walking	Fruits Comsumed
Protein Drink Recipes	Biking	Vegetables Comsumed
Weight Loss Recipes	Hiking	Grains Consumed
Low calorie Recipes	Swimming	Fats Consumed
Pre-Workout Recipes	Yoga	Total Calories Consumed
Post-Workout Recipes	Other Activities	Diet Log
Energy Boost Recipes	Activity Log Over Time	Sugar Tracker
Fat Burning Boost Recipes		Sodium Intake
Vegetarian Recipes		Water Consumed
Diabetes Recipes		Alcohol Consumed
Sweet Sleep Recipes		Your Nutrition Plan
Detox Recipes		

Food Items	Profile
Healthy Nutrition / Food Central / list	Personal Details / Login & Settings / web site housekeeping
Protein Food Items	Login
Grains Items	Personal Profile
Vegetables Items	Edit Profile
Fruits Items	Registration
Dairy Items	Password Recovery
Your Grocery List	My Recipes
Fruits Comsumed	My Diet Plan
Food Pyramid	Your Nutrition Plan
Share Grocery List	

The pages listed under these categories were in line with what we had originally anticipated for NutriCoach. However, there were two categories that did not appear at all through the card sort exercise: My Nutritionist and Grocery List.

Below is the original grouping by category:

Profile	Grocery List	Recipes	Physical Activity Tracker	Food Journal	My Nutritionist
Login	Protein Food Items	My Recipes	Steps	Proteins	Share Grocery List
Personal Profile	Grains Items	Breakfast Recipe	Weight Training	Carbohydrates	Share Recipe Options for the Week
Edit Profile	Vegetables Items	Lunch Recipe	Exercise Class	Fruits	Ask a Question
Registration	Fruits Items	Dinner Recipe	Running	Vegetables	About Your Nutritionist
Password Recovery	Dairy Items	Dessert Recipe	Walking	Grains	Your Nutrition Plan
	Your Grocery List	Protein Drinks Recipe	Biking	Fats	
		Weight Loss Recipe	Hiking	Food Pyramid	
		Low calorie Recipe	Swimming	My Diet Plan	
		Pre-Workout Recipe	Yoga	Total Calories	
		Post-Workout Recipe	Other Activities	Target Calories	
		Energy Boost Recipe	Calories Burned	Diet Log	
		Fat Burning Boost Recipe	Device Input	My Progress	
		Vegetarian Recipe	Activity Log Over Time	Sugar Tracker	
		Diabetes Recipe		Sodium Intake	
		Sweet Sleep Recipe		Water	
		Detox Recipe		Alcohol	

Site map

Assignment #2
Cathy Liewen, Leo Primero, Francisco Ruiz
Site Map: NutriCoach

Deliverables

Wireframe Overview

Desktop. Samantha has been incorporating physical activity to her daily routine. She just got done with a 3 mile run and goes into the NutriCoach app and enters her 3 miles of running. After she enters her activity, she checks to see if she has completed her goal of running for the week. She reviews her goal and her completed activity and notices that she exceeded her goal by 2 miles.

Mobile. Mary is working on a weight loss plan so that she can get into better shape for her wedding two months from now. She has a size 8 wedding dress that she wants to look great in. She is going out to dinner with her friends to celebrate a birthday, and she needs to log her grilled salmon, bread and two glasses of wine into NutriCoach to see how many calories she has consumed for the day, and where this total fits for her daily limits in order to meet her weight loss goal. Her friends are ordering dessert, and she wants to know if she has that slice of chocolate cake, how many calories over her plan it will take her. She logs everything in and discovers that if she splits the cake in half with one of her friends that she will only be 100 calories over plan for the day.

User Bias. This will contain the user bias texts. This will contain the user bias texts. This will contain the user bias texts. This will contain the user bias texts. This will contain the user bias texts. This will contain the user bias texts. This will contain the user bias texts. This will contain the user bias texts. This will contain the user bias texts. This will contain the user bias texts. This will contain the user bias texts. This will contain the user bias texts. This will contain the user bias texts. This will contain the user bias texts. This will contain the user bias texts.

Desktop Wireframes

Assignment #2
Cathy Liewen, Leo Primero, Francisco Ruiz
NutriCoach

Mobile Wireframes

Assignment #2
Cathy Liewen, Leo Primero, Francisco Ruiz
NutriCoach

Appendix

Appendix A. Task Suggestions

Desktop:

Janie went for a half an hour walk on Thursday at lunch then an hour-long power yoga class after work. She wants to log her daily activity into her journal to see how many calories she burned today, and see where she is for her total activity goals for the week. She would like to see the progress she is making as it relates to her weight loss goals her nutritionist set up for her. She logs into NutriCoach at home on her laptop and sees that she met her activity levels for the day, but she still needs to get in two more hours of vigorous exercise for the week.

Mobile:

Mary is working on a weight loss plan so that she can get into better shape for her wedding two months from now. She has a size 8 wedding dress that she wants to look great in. She is going out to dinner with her friends to celebrate a birthday, and she needs to log her grilled salmon, bread and two glasses of wine into NutriCoach to see how many calories she has consumed for the day, and where this total fits for her daily limits in order to meet her weight loss goal. Her friends are ordering dessert, and she wants to know if she has that slice of chocolate cake, how many calories over her plan it will take her. She logs everything in and discovers that if she splits the cake in half with one of her friends that she will only be 100 calories over plan for the day.

Appendix B. Desktop Wireframes
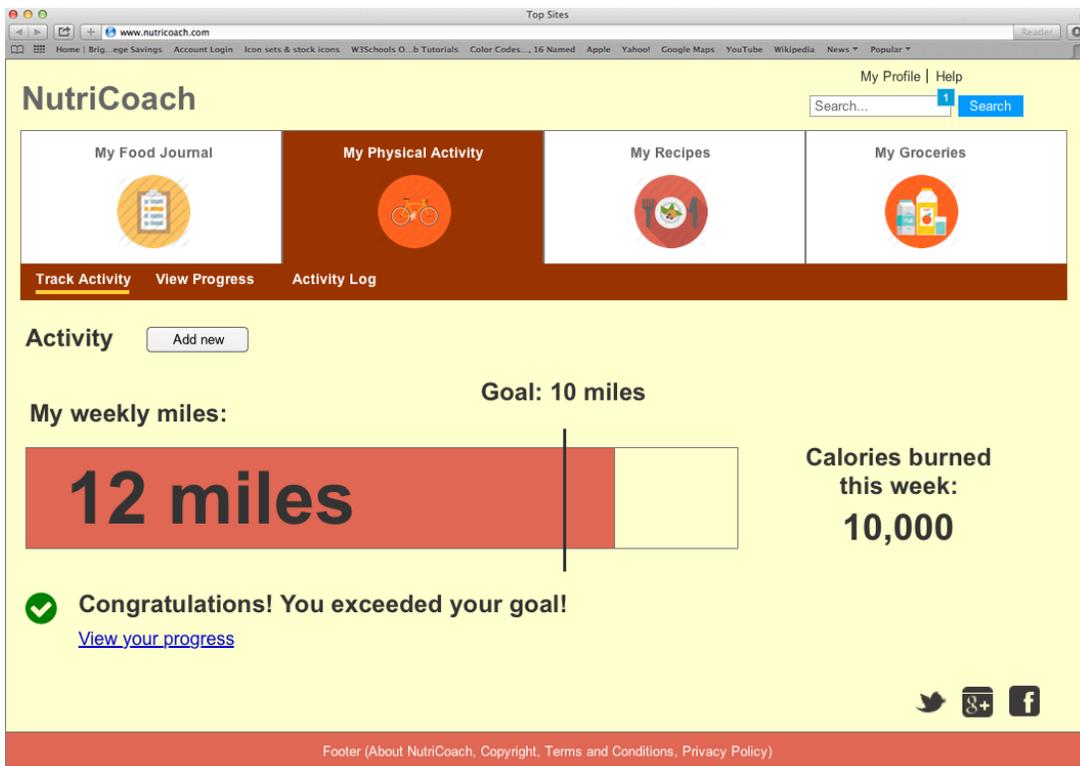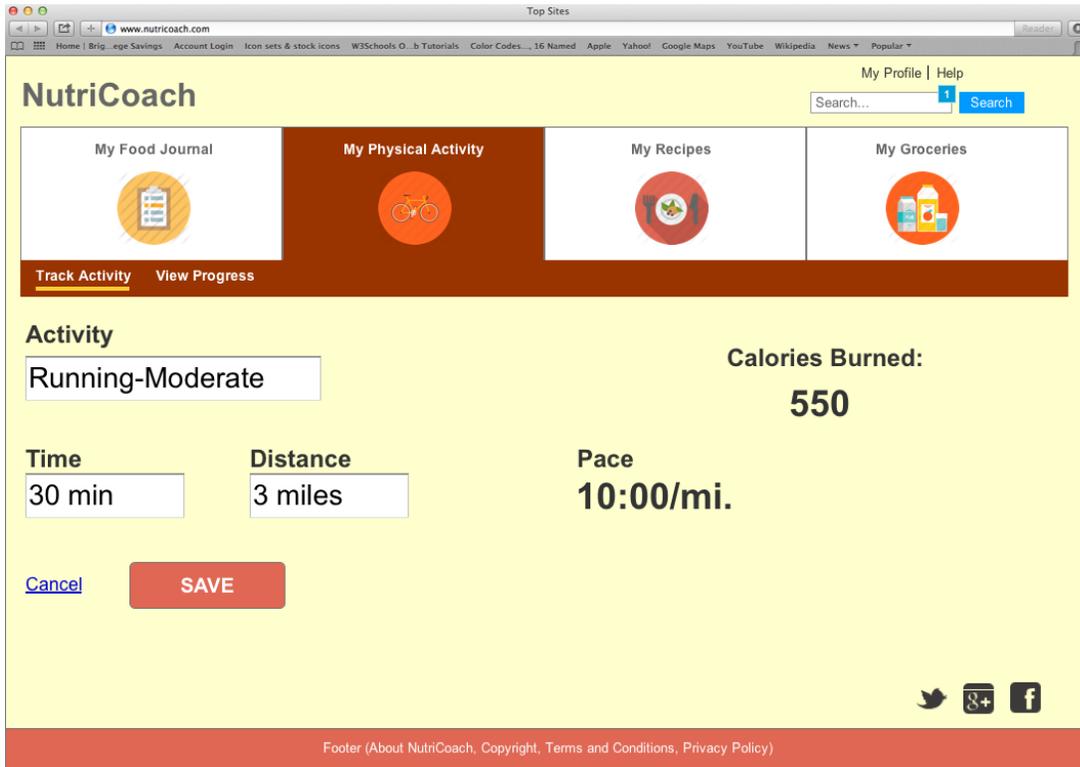
Appendix C. Cathy Liewen's Mobile Wireframe
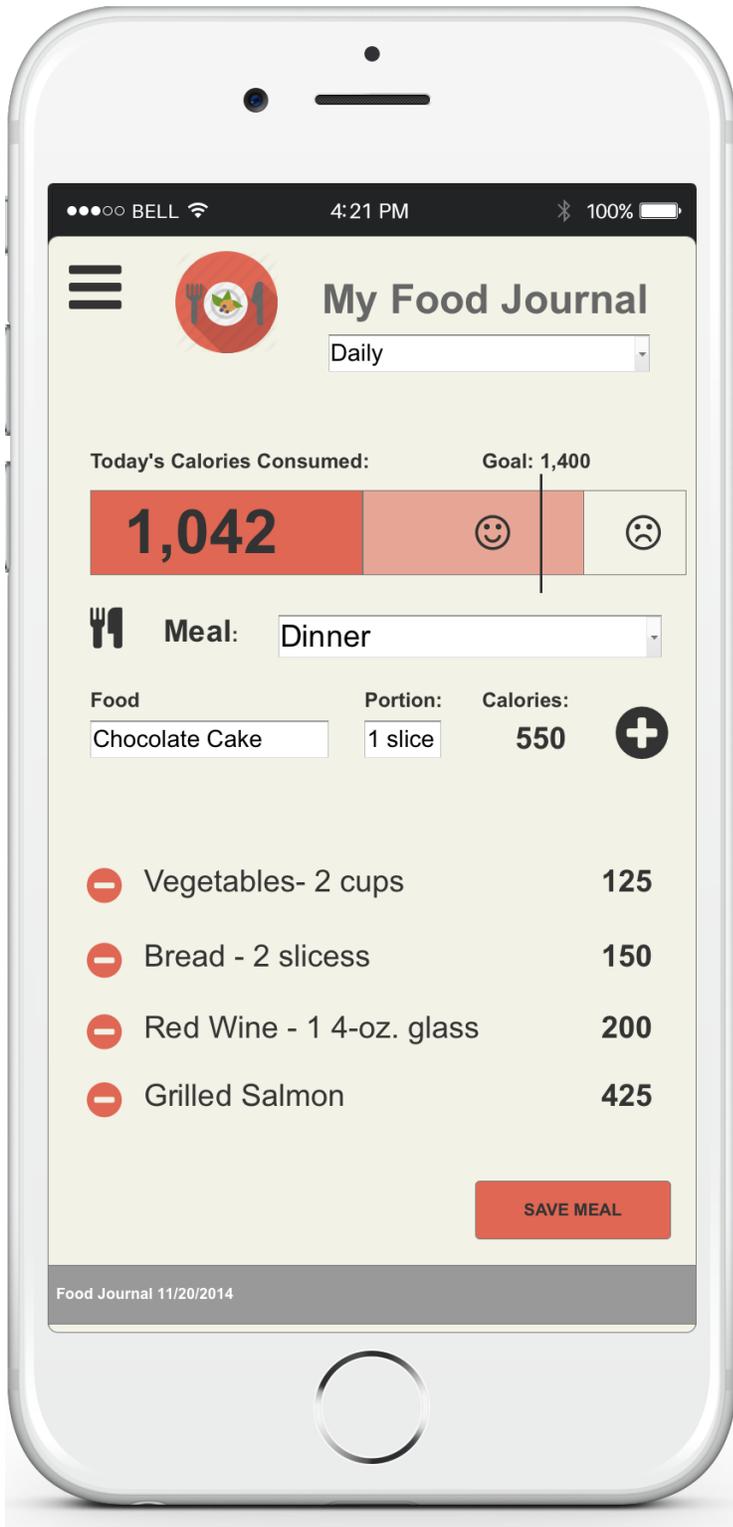
Appendix D. Task Suggestions

Desktop:

Joanne has recently celebrated her 40 year-old birthday. As a gift to herself, she is determined to gain back her old figure she had when she was 25 years old. She knows that it means losing 25 pounds gained over the years. Task: She wants to use NutriCoach's dynamic menu selector to create for her a grocery list that when cooked will provide a perfectly portioned food in her table that totals about 1,200 to 1,500 calories a day.

Mobile:

Paul likes to run. In fact he is planning to run the New York marathon next weekend. This Friday, he will be attending a wedding of his best friend in a posh New York restaurant. He is worried that having many drinks might derail his running prep. Task: He decides to track his alcohol drink intake through NutriCoach's mobile site on his iPhone.

Appendix E. Desktop Wireframes

NutriCoach Project

Assignment #5: Leo Primero, NutriCoach Desktop Wireframes	HCI 454

NutriCoach Desktop Home Page

NutriCoach

My Profile | Help

My Food Journal

My Physical Activity ①

My Recipes

My Groceries

Search... | Search

Physical Activity Tracker ②

Enter your activities and track progress as you move.

Select activity ▾

Distance   **Duration**

[   ] Miles **OR** [   ] Mins

Choose Day:

○ Sunday
○ Monday
○ Tuesday
○ Wednesday
○ Thursday
○ Friday
◉ Saturday

[Submit]

Activities for the Week ③

11/09/2014 to 11/16/2014

Day	Activity	Distance	Duration	Cal Burned
Sun 11/09/2014	Running	4		490
Mon 11/10/2014	--	--	--	--
Tue 11/11/2014	Running	4		490
Wed 11/12/2014	Running	4		490
Thu 11/13/2014	Running	4		490
Fri 11/14/2014	--	--	--	--
Sat 11/15/2014				
Total		**16**	**--**	**2450**

Weekly Total ④

Your running goal:	18 miles
Running total:	16 miles
% Achieved:	89 %

Footer (About NutriCoach, Copyright, Terms and Conditions, Privacy Policy)
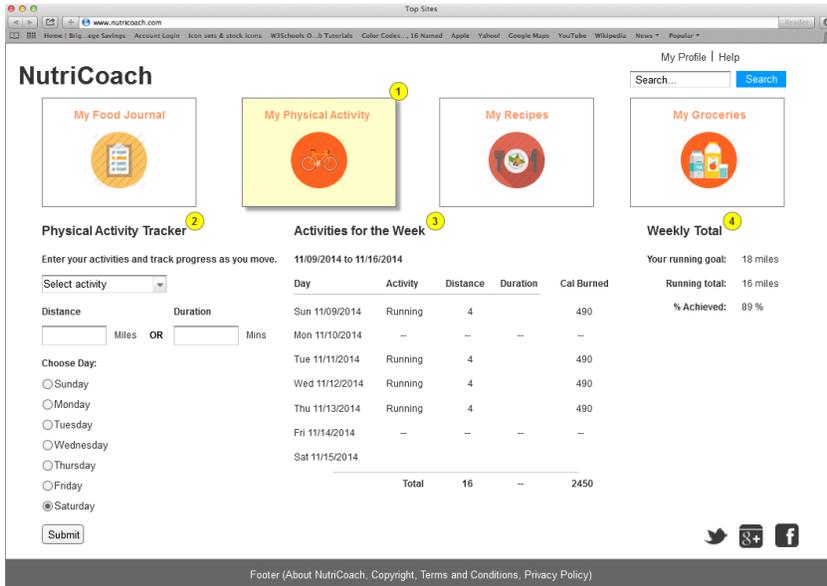
Notes: Page 03

① The My Physical Activity page opens.

② The user is presented with a Physical Activity Tracker section.

③ The user is presented with a Activities for the Week section.

④ The user is presented with a Weekly Total.

Assignment #5: Leo Primero, NutriCoach Desktop Wireframes	HCI 454

NutriCoach Desktop Home - Physical Activity

NutriCoach

My Profile | Help

My Food Journal

My Physical Activity ①

My Recipes

My Groceries

Search... | Search

Track My Activities ● ②
Favorite Activity List ●

Time Period

Today ▾

Daily Goal
1000

Today
700

Daily Goal
3000

Today
2,500

Calories Burned Today   **Calories Consumed Today**

700   **2,500**

My Goals	Share

Daily Goal edit	**Weekly Goal** edit
Calories Burned 1,000	Calories Burned 7,000
Calories Consumed 3,000	Calories Consumed 12,000
Monthly Goal edit	**Yearly Goal** edit
Calories Burned 120,000	Calories Burned 520,000
Calories Consumed 300,000	Calories Consumed 800,000

Footer (About NutriCoach, Copyright, Terms and Conditions, Privacy Policy)

Notes: Page 02

① On hover of the My Physical Activity, the user is presented with the Track My Activities and Favorite Activity List displayed.

② The user selects Track My Activities.

Assignment #5: Leo Primero, NutriCoach Desktop Wireframes | HCI 454

NutriCoach Desktop Home - Physical Activity

NutriCoach

My Profile | Help

Search... | Search

My Food Journal ①

Track My Meals ⊕
My Total Food Intake ⊕

My Physical Activity

My Recipes

My Groceries

Time Period
Today

Today 700 | Daily Goal 1000 | Today 2,500 | Daily Goal 3000

Calories Burned Today
700

Calories Consumed Today
2,500

My Goals | Share

Daily Goal edit
Calories Burned 1,000
Calories Consumed 3,000

Weekly Goal edit
Calories Burned 7,000
Calories Consumed 12,000

Monthly Goal edit
Calories Burned 120,000
Calories Consumed 300,000

Yearly Goal edit
Calories Burned 520,000
Calories Consumed 800,000

Footer (About NutriCoach, Copyright, Terms and Conditions, Privacy Policy)

Notes: | Page 01
① The home page. The user is presented with the My Food Journal selected with the Track My Meals and My Total Food Intake displayed by default.

Assignment #5: Leo Primero, NutriCoach Desktop Wireframes | HCI 454

NutriCoach Desktop Home Page

NutriCoach

My Profile | Help

Search... | Search

My Food Journal | My Physical Activity | My Recipes | My Groceries

Physical Activity Tracker
Enter your activities and track progress as you move.

Select activity

Distance | Duration
Miles OR | Mins

Choose Day:
○ Sunday
○ Monday
○ Tuesday
○ Wednesday
○ Thursday
○ Friday
○ Saturday

Submit

Activities for the Week
11/09/2014 to 11/16/2014

Day	Activity	Distance	Duration	Cal Burned
Sun 11/09/2014	Running	4		490
Mon 11/10/2014	--	--	--	--
Tue 11/11/2014	Running	4		490
Wed 11/12/2014	Running	4		490
Thu 11/13/2014	Running	4		490
Fri 11/14/2014	--	--	--	--
Sat 11/15/2014	Running	4		490
Total		20	--	2450 ①

Weekly Total
Your running goal: 18 miles
Running total: 20 miles
% Achieved: 111 % ②

Footer (About NutriCoach, Copyright, Terms and Conditions, Privacy Policy)

Notes: | Page 05
① The system totals the Activities for the Week values.
② The Weekly Total is updated shpowing that the user exceeded her goal by 2 miles.

16

Appendix F. Mobile Wireframe

NutriCoach Mobile: Search and Food Validation
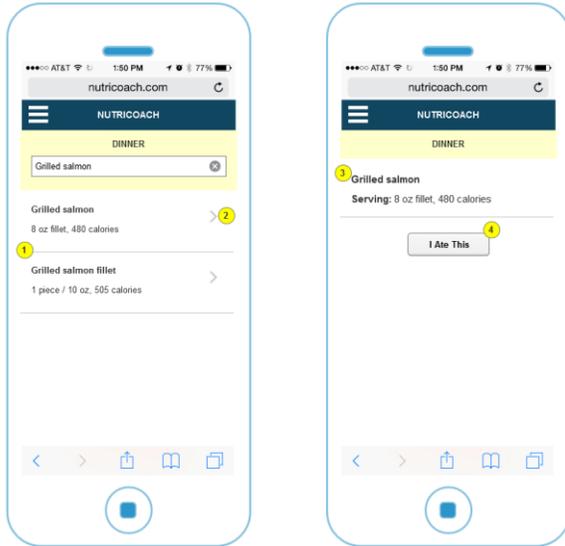
Notes:

1. The user is presented with food that match the name typed.
2. The user is selects Grilled salmon, 8 oz fillet, 480 calories.
3. The user is asked to validate the food selected.
4. The use selects the I Ate This button.

NutriCoach Mobile: Track My Meals Recent List and Another Food Search
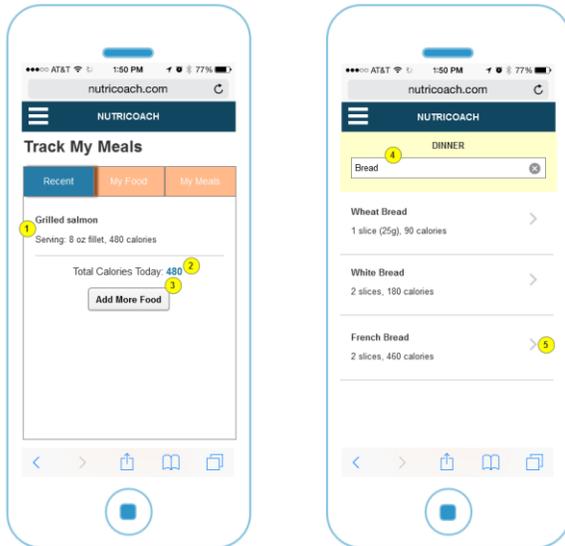
Notes:

1. The use is presented with the Recent food tracked.
2. The total calories of today is calculated.
3. The use selectes Add More Food as she has two more food to track.
4. The user searches for Bread.
5. The use selects the French Bread with 460 calories that she ate.

NutriCoach Project

NutriCoach Mobile: More Food Search
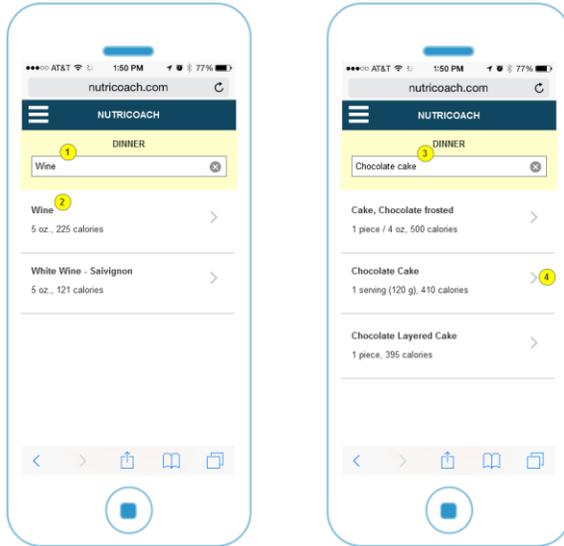
Notes:

(1) The user searches for Wine.

(2) The use selects the Wine with 225 calories. She performs this task twice as she had two drinks.

(3) The user searches for Chocolate cake.

(4) The use selects Chocolate Cake, 1 serving (120 g), 410 calories.

Page 05

NutriCoach Mobile: Final Food Tracked

Notes:

(1) The user is presented with Recent list of tracked food.

(2) The total calories of today is calculated. She sees that she will just be over the daily limit by 100 calories with the chocolate already added.

Page 06

19

### Appendix Task Suggestions

Desktop:

Steven has decided that he needs to eat better and in order to do that, he knows it all starts with what he buys at the grocery store. Steven opens the NutriCoach website and goes to the grocery list creator. Steven needs to have some proteins in his diet so he searches for proteins and adds salmon, flank steak and chicken because he can see that these items are lower calories which he did not know before. He then moves on to select some vegetables and chooses celery, arugula and cherry tomatoes which he enjoys. After he completes adding these items, he reviews his grocery list to see all of the items he has added.

Mobile:

Samantha has been incorporating physical activity to her daily routine. She just got done with a 3 mile run and goes into the NutriCoach app and enters her 3 miles of running. After she enters her activity, she checks to see if she has completed her goal of running for the week. She reviews her goal and her completed activity and notices that she exceeded her goal by 2 miles.

Appendix H Desktop Wireframes

Assignment #2
Cathy Liewen, Leo Primero, Francisco Ruiz
NutriCoach

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Appendix I Desktop Wireframes