Nutrition Application

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Roles

- Main coder's - Aditya Bhamidipati, Laneal Dickerson, and Vu Tran

- Ui Designers - Aditya Bhamidipati, Laneal Dickerson, and Vu Tran

- Database - Aditya Bhamidipati

Motivation and Vision

• Imagine a college student who is consumed with their studies and does not have time to properly plan out a diet of foods that he or she enjoys eating but will not intervene with his or her's daily nutrients and calories needed to either maintain, gain, or lose weight. Our app will be able to aide this student by providing them with the necessary components needed to maintain a healthy diet while still being able to enjoy their favorite food produce.

How it works

•Our app works by having the user input his or her body weight, height, and goal weight. The app will then evaluate the amount of calories needed to either be in a caloric deficit or surplus to meet the user's goals. The user will then have access to meals that meet the user's goals requirements and from then on the user will be able to rate these meals on a five-star rating scale in order to determine which meal would be more likely to be displayed during future use.

Ideal Users

As a user, I want to edit my goal information so that I can archive better personal goal.

As a user, I want to be notified so that I can keep myself on the track.

As an existence user, I want to see my summary of what I've achieved so that I know where I am.
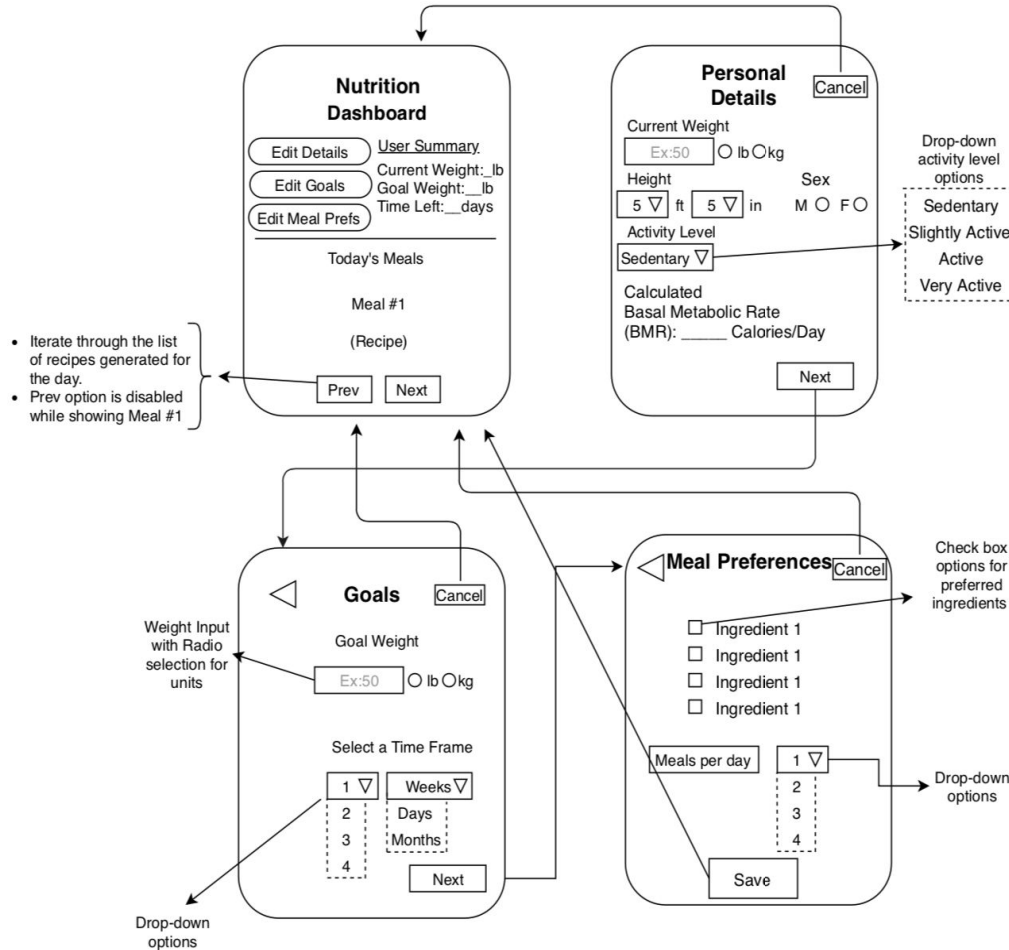
As a user, I want to know what food I should eat daily so that I can have the right source of nutrition.
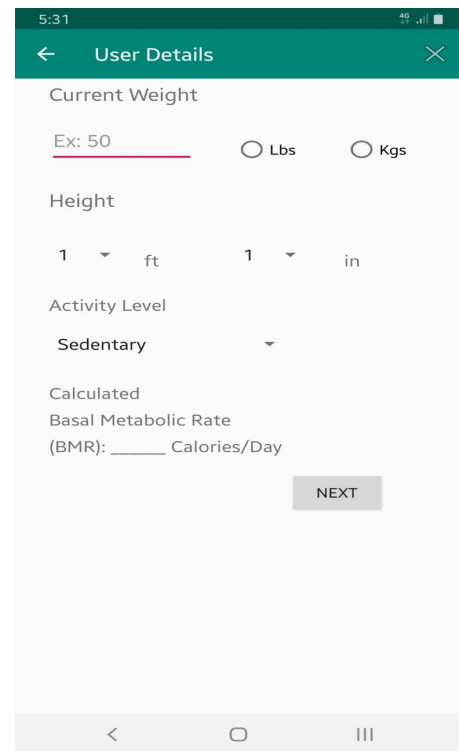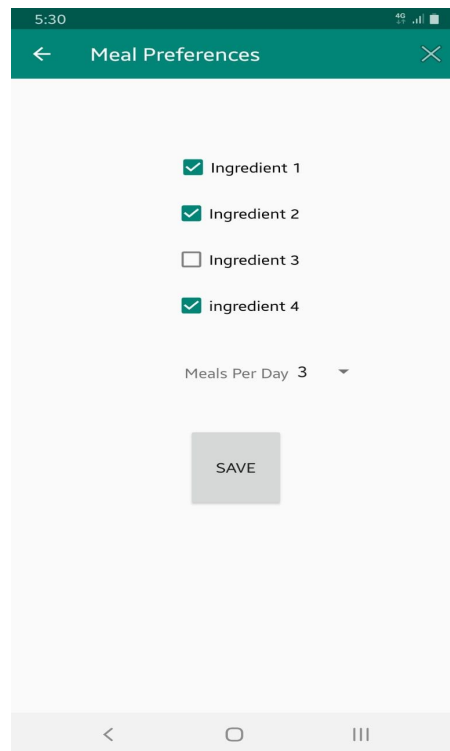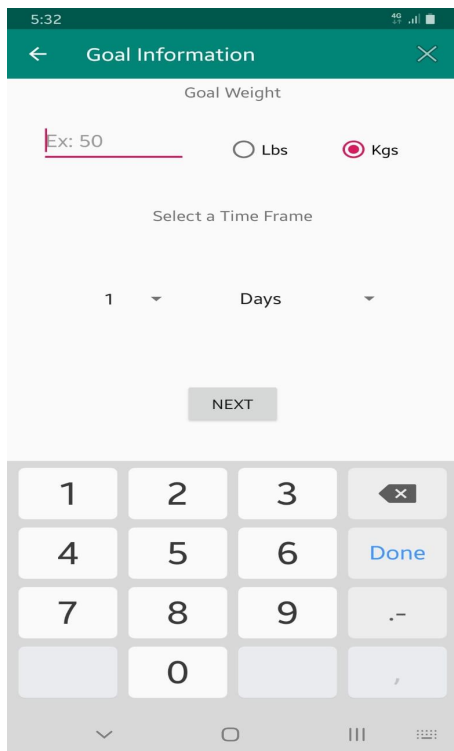
As a user, I want to know how far and how much body weight do I need to gain/reduce.
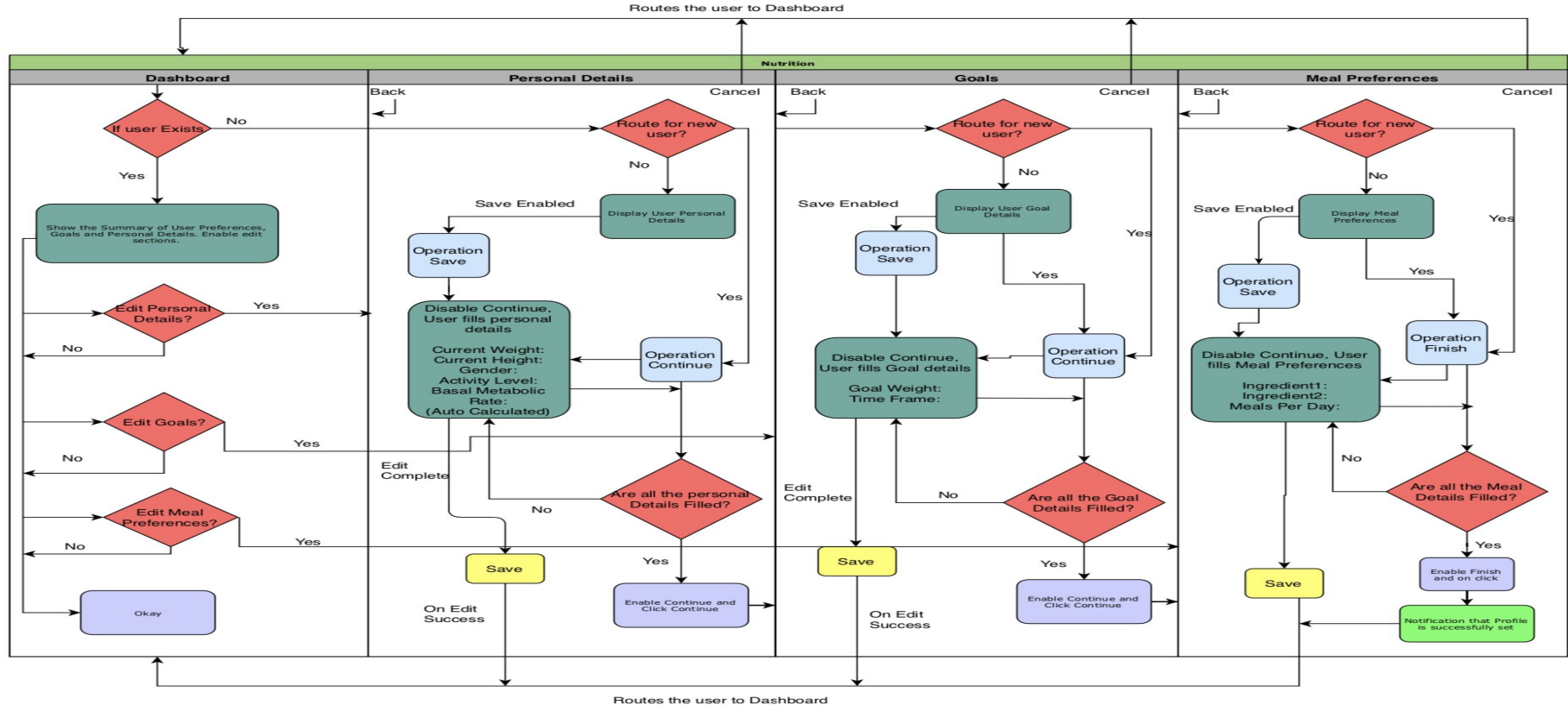
Design Process: Ui Screens

Nutrition Dashboard

Edit Details
Edit Goals
Edit Meal Prefs

User Summary
Current Weight:__lb
Goal Weight:__lb
Time Left:__days

Today's Meals

Meal #1

(Recipe)

Prev   Next

- Iterate through the list of recipes generated for the day.
- Prev option is disabled while showing Meal #1

Personal Details   Cancel

Current Weight
Ex:50   ◯ lb ◯ kg

Height   Sex
5 ▽ ft   5 ▽ in   M ◯ F ◯

Activity Level
Sedentary ▽

Calculated Basal Metabolic Rate (BMR): _____ Calories/Day

Next

Drop-down activity level options
Sedentary
Slightly Active
Active
Very Active

◁ **Goals**   Cancel

Goal Weight
Ex:50   ◯ lb ◯ kg

Select a Time Frame

1 ▽   Weeks ▽
2   Days
3   Months
4

Next

Weight Input with Radio selection for units

Drop-down options

◁ **Meal Preferences**   Cancel

☐ Ingredient 1
☐ Ingredient 1
☐ Ingredient 1
☐ Ingredient 1

Meals per day   1 ▽
                 2
                 3
                 4

Save

Check box options for preferred ingredients

Drop-down options

UI Images

Tech Stacks

Android Studio

mySQL Workbench

Git/Github

Design Process: Flowchart

Demo