Sprint 2 Plan

Product: Nutrient+
Team: Nutrient+ Team
Sprint Completion: November 3rd, 2019
Revision: 1.0**; Date:** October 21st, 2019

Goal:

- The goals of Sprint 2 are to remember a user's personal health information, track their daily nutritional intake, and customize their daily intake preferences.

Task Listing

- **User Story 1 (3):** As a user, I want to create and update a user profile so the app can tailor the intake information to my needs.
    - **Task 1:** Add sex and birth date info (2 hour)
    - **Task 2:** Implement core data (4 hour)
    - **Task 3:** Calculate nutritional recommendations for inputted user information (4 hour)
    - **Total for user story 1:** 10 hours

- **User Story 2 (8):** As a user, I want to keep track of my current daily intake so that I know what nutrients I still need for the day.
    - **Task 1:** Create UI for choosing food (2 hour)
    - **Task 2:** Setup/test data transfer from app to Edamam database (4 hours)
    - **Task 3:** Parsing the JSON file for food and nutrients (2 hours)
    - **Task 4**: Adding data on nutrients found to user data page (2 hours)
    - **Total for user story 2:** 10 hours

- **User Story 3 (3):** As a user, I want to adjust the predetermined daily nutrient goals so that I can create my own goals.
    - **Task 1:** Create UI for modifying recommended values (4 hour)
    - **Total for user story 3:** 4 hour

- **User Story 4 (20):** As a user, I want food to be recommended to me so that I know how to best complete my daily intake goals.
    - **Task 1:** Create a function that reloads some data each time the page loads3 (8 hours)
    - **Task 2**: Find and learn an API for recommending food (15 hours)

- ○ **Task 3:** Create and implement an algorithm for recommending this food (15 hours)
- ○ **Task 4:** Create UI for the recommended food (4 hours)
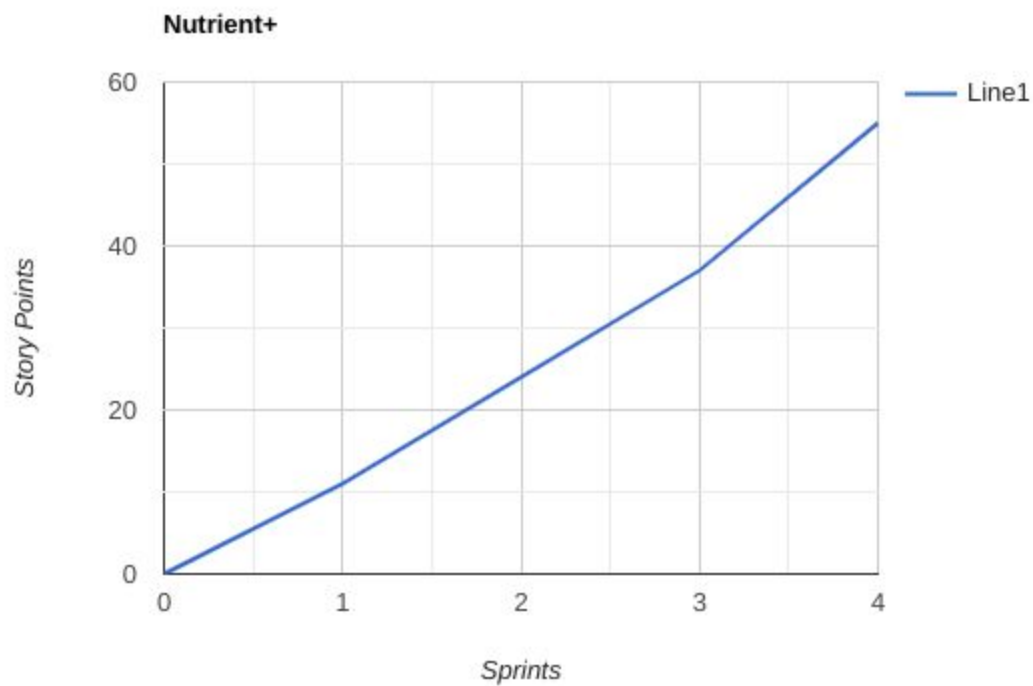- ○ **Total for user story 4:** 42 hours

Team Roles
- ● **Rob:** Product Owner, Developer
- ● M**ax:** Developer
- ● **Victor:** Developer
- ● **Helen:** Scrum Master, Developer
- ● **Andi:** Developer

Initial Task Assignment
- ● **Rob:** User story 3: 1;
- ● **Max:** User story 2: Task 1 - 3;
- ● **Victor:** User story 2: Task 2 - 4;
- ● **Helen:** User story 1: Task 1 and 2;
- ● **Andi:** User story 1: Task 3;

Initial Burnup Chart

Nutrient+

60

40

Story Points

20

0

0   1   2   3   4

Sprints

Line1

Initial Scrum Board

User Stories	Tasks Not Started	Tasks in Progress	Tasks Completed
As a user, I want to create and update a user profile so the app can tailor the intake information to my needs.	Learn Swift Create a basic UI for iOS app Implement taking user data and storing Calculate nutritional recommendations for inputted user information Displaying nutrition facts		

As a user, I want to keep track of my current daily intake so that I know what nutrients I still need for the day.	Setup account for food database Learn the FoodData Central database API Setup/test data transfer from app to database (0.5 hours) Create UI for choosing food (1 hour)		
As a user, I want to be able to visualize my daily intake progress so that I can practice healthier eating habits.	Create UI to reflect progress of nutritional intake		
As a user, I want to adjust the predetermined daily nutrient goals so that I can create my own goals.	Create UI for modifying recommended values		

Scrum Times

- **M:** 11:30 - 12 P.M.   TA meeting
- **T/TH:** 3:30 - 5:30 P.M.
- **F:** 10 - 12 P.M.