

Sprint 3 Plan

Product: Nutrient+

Team: Nutrient+ Team

Sprint Completion: November 17th, 2019

Revision: 1.0; **Date:** November 3rd, 2019

Goal:

- The goals of Sprint 3 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 (2):** 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:** Calculate nutritional recommendations for inputted user information (6 hours)
 - **Total for user story 1:** 6 hours
- **User Story 2 (1):** 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:** Adding data on nutrients found to user data page (3 hours)
 - **Total for user story 2:** 3 hours
- **User Story 3 (2):** 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 (6 hour)
 - **Total for user story 3:** 6 hours
- **User Story 4 (3):** As a developer, I want a function that reloads some data each time the page loads so that a new food can be recommended.
 - **Task 1:** Research a function that can reload data on a view each time (3 hours)
 - **Task 2:** Implement function (3 hours)
 - **Task 3:** Test function (3 hour)
 - **Total for user story 4:** 9 hours
- **User Story 5 (5):** As a developer, I need an API for recommending food so that I can recommend the user some food.
 - **Task 1:** Research different APIs that allow querying via nutrients (4.5 hours)

- **Task 2:** Test API with Postman (4.5 hours)
- **Task 3:** Implement the API (4.5 hours)
- **Task 4:** Print out the retrieved data to console (2 hours)
- **Total for user story 5:** 15.5 hours

- **User Story 6 (3):** As a developer, I want a weighted value of the importance of a specific macro or micro so I know which to prioritize when recommending food.
 - **Task 1:** Create test function for evaluating weights (4.5 hours)
 - **Task 2:** Repeatedly test and tweak the weighted values (3 hours)
 - **Total for user story 6:** 7.5 hours

- **User Story 7 (5):** As a user, I need a clean and straightforward UI to view the recommendations.
 - **Task 1:** Agree on a design for the UI (1 hour)
 - **Task 2:** Implement the UI (3 hours)
 - **Task 3:** Add a picture of the recommended food (9 hours)
 - **Total for user story 7:** 13 hours

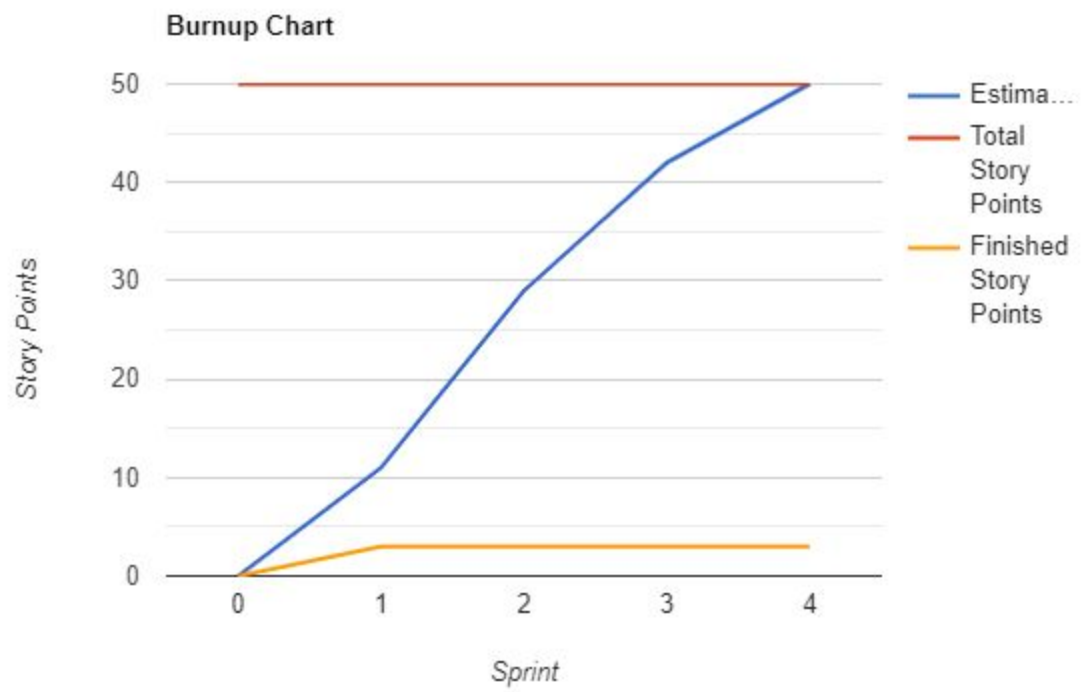
Team Roles

- **Rob:** Product Owner, Developer
- **Max:** Developer
- **Victor:** Developer
- **Helen:** Developer
- **Andi:** Scrum Master, Developer

Initial Task Assignment

- **Rob:** US 3 Task 1
- **Max:** US 4 Task 1, 2
- **Victor:** US 2 Task 1, US 5
- **Helen:** US 7 Task 2, 3
- **Andi:** US 1 Task 3 ; US 6 Task 1, 2

Initial Burnup Chart



Initial Scrum Board

| User Stories | 7 | Tasks Not Started | 12 | Tasks I.P. | 3 | Tasks Done | 16 |
|---|---|---|----|--|----|---|----|
| US1: As a user, I want to create and update a user profile so the app can tailor the intake information to my needs. | | US4T1: Research a function that can reload data on a view each time | MG | US1T3: Calculate nutritional recommendations for inputted user information | AZ | Completed As-a-user, I want to be able to visualize my daily intake progress so that I can practice healthier eating habits. | VY |
| US2: 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. | | US4T2: Implement function | MG | US2T4: Adding data on nutrients found to user data page | VY | Completed | |
| US3: As a user, I want to adjust the predetermined daily nutrient goals so that I can create my own goals. | | US4T3: Test function | | US3T1: Create UI for modifying recommended values | HW | Completed US1T1: Add sex and birth date info | HW |
| US4: As a developer, I want a function that reloads some data each time the page loads so that a new food can be recommended. | | US5T1: Research different APIs that allow querying via nutrients | VY | | | Completed | |
| | | US5T2: Test API with Postman | VY | | | Completed US1T2: Implement core data | HW |
| US5: As a developer, I need an API for recommending food so that I can recommend the user some food. | | US5T3: Implement the API | VY | | | Completed | |
| | | US5T4: Print out the retrieved data to console | VY | | | Completed US1T4: Create one-time page for initial user creation | HW |
| US6: As a developer, I want a weighted value of the importance of a specific macro or micro so I know which to prioritize when recommending food. | | US6T1: Create test function for evaluating weights | AZ | | | Completed | |
| | | US6T2: Repeatedly test and tweak the weighted values | AZ | | | Completed US2T1: Create UI for choosing food | |
| | | US7T1: Agree on a design for the UI | | | | Completed US2T2: Setup/test data transfer from app to FDC database | MG |
| | | | | | | Completed | |

Scrum Times

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