

Sprint 2 Plan

Product Name: Nutrivis.ai

Team Name: Nutrivis

Sprint Start: 10/22/18

Revision #3 10/24

Goals

For this sprint, we will focus on our the core functionality of our app. On a basic level, this will be in following steps.

1. Take a picture.
2. Call the Google Vision API on said picture to identify the food.
3. Call NutritionX API API to get the nutrition info for the food.

Last Sprint we focus on only a few things. We learned that this left some team members swamped and others without anything to do. For this sprint, we are trying to learn from our previous mistake and focus on a wide variety of tasks.

User Stories

User story 1: As a user of the app, I want to take a picture.

1. Import and build an instance of the camera API. [5 hours]
2. Make camera activity display after login/auth activity. [3 hours]
3. Store images to Firebase. [5 hours]

Total hours for user story 1: 13 hours

User story 2: As a user of the app, I want the app to identify the type of food in my picture.

1. Figure out the libraries and let gradle compile with zero warnings. [3 hours]
2. Google Vision API call. [8 hours]
3. Parse Google Vision API response. [8 hours]

Total hours for user story 2: 19 hours

User story 3: As a user of the app, I want nutrition info on the food.

1. Call NutritionX API on a food name. [2 hours]
2. Process the NutritionX API response (JSON) in a way that it can eventually be used by the UI. [3 hours]
3. A Food class that will hopefully tie the tasks/UI to a common object. [3 hours]

Total hours for user story 3: 8 hours

Team Roles

Daniel: Scrum Master, Developer

Jonathan: Product Owner, Developer

Hooshing: Developer

Srini: Developer

Aravind: Developer

Initial Task Assignments

Srini: user story 3, Process the NutritionX API response.

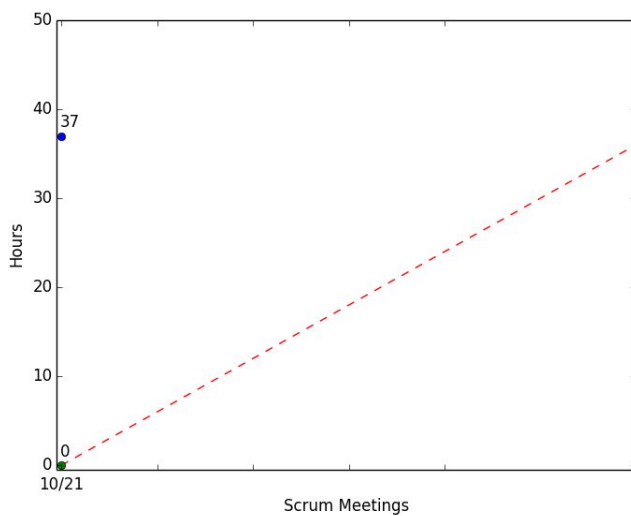
Daniel: user story 1, Store images to Firebase.

Aravind: user story 1, Camera

Jonathan: user story 2, Google Vision API call.

Hooshing: user story 3, Call NutritionX API on a food name.

Initial Scrum Board:



Scrum Times:

Monday and Wednesday	4:15 pm	Baskin 340A
Thursday	4:30 pm	Baskin 316