

Document Name: Sprint 2 Plan for SwoleMates

Product Name: SwoleMates

Team Name: BroGrammers

Github Repo: <https://github.com/srthirum/SwoleMates.git>

Revision #: 1

Revision Date: 10/22/18

Goals

Upload photo of meal in a meal post, record nutrition data in a meal post, view a feed of both progress pics and meal photos, and utilize Google Vision to process photos. Also finish remainder from Sprint 1, including which involves testing and integration of feed, meal, and progress pic items.

Task Listing

User Story 1

As a user, I want to be able to post my meal plan pictures so that I can track my meals and other users can see them

Task	Assignee	Hours
Write code to upload meal photo to Firebase, storing in Firebase Storage, in upload photo component	Kirby	4
Write component code to retrieve photo from Firebase Storage, displaying the photo in the Meal component		4
Make it so that only the original poster can delete photo		2
	Total	10

User Story 2

As a user, I want to be able to record nutritional details of my meals so that I can share my dieting plans with my network

Task	Assignee	Hours
Write code to update a Meal document, for adding nutrition data, essentially adding fields to a Meal document		4
Decide what nutrition data should be uploaded		3
	Total	7

User Story 3

As a user, be able to see a feed (like Instagram, Facebook, reddit) of other users uploads, including “progress pics” and meal photos.

Task	Assignee	Hours
Edit main homepage code to input both progress-pics and meals into the feed		5
	Total	5

User Story 4

As a user, I want to request the nutrition information from my meal so that I do not have to manually log it in myself

Task	Assignee	Hours
Write code to interface with Google Vision API to retrieve computer vision data (which gives data identifying the food item in the photo) from a give input photo		8
(Learn how to do the following, and do it): given a food item such as Spaghetti or Pizza, get nutrition info on the food item. Research into different Nutrition Database APIs		10
	Total	18

User Story 1-4

As a user, I want to request the identification of my meal from my photos so that I do not have to manually log it in myself.

Task	Assignee	Hours
Learn to work with Google vision API to retrieve info	Gavin	5
Finish testing and merge the task: ‘Create “Meal” Vue component, including basic HTML scaffold, and data retrieval from Firebase’	Jared	2
	Total	7

User Story 1-2

As a user, I want to be able to post my progress pictures with other users that they are displayed on their newsfeed

Task	Assignee	Hours
Make it so that only the original poster can delete photo		2
Create and prettify HTML scaffolding for displaying a post, inside of " ProgressPicItem.vue " Vue component	Amanda	3
	Total	5

User Story 1-3

As a user, I want to be able to see a timestamp on my photo so that I can review a timeline of my fitness progress.

Task	Assignee	Hours
Edit ProgressPhoto component to display time of a photo in format like Instagram		2
Finish testing and integration with main code branch: Create a Feed component to display ProgressPhotos	Sri	3
	Total	5

Total for Sprint	57 hr
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Team Roles

- Gavin: Scrum Master
- Sri: Product Owner
- Jared: Team Member
- Kirby: Team Member
- Amanda: Team Member

Initial Task Assignment

Task	Assignee	User Story	Hours
Write code to upload meal photo to Firebase, storing in Firebase Storage, in upload photo component	Kirby	1	4
Create a Feed component to display ProgressPhotos	Sri	1-3	3
Learn to work with Google vision API to retrieve info	Gavin	1-4	5
Finish testing and merge the task: 'Create "Meal" Vue component, including basic HTML scaffold, and data retrieval from Firebase'	Jared	1-4	2
Create and prettify HTML scaffolding for displaying a post, inside of " ProgressPicItem.vue " Vue component	Amanda	1-2	3
		TOTAL	17

Scrum Times

- Sunday 5:00 - 8:00 PM
- Tuesday 6:00 - 8:00 PM
- Thursday 6:00 PM - 8:00 PM (With TA - Thursday 5:30 PM)