Document Name: Sprint 1 Plan for SwoleMates
Product Name: SwoleMates
Team Name: Brogrammers
Github Repo: https://github.com/srthirum/SwoleMates.git
Revision #: 1
Revision Date: 10/9/18

Goals:

Create initial framework for web app that implements accounts and authentication, "progress pics" posting, and initial learning for food identification using Google Vision API features.

Task Listing:

User Story 1: As an unauth user, I want to be able to create an account so that I can save my data (meal photos, progress pics).
Tasks

1. Create sign in HTML/CSS scaffolding (2 hours)
2. Set up authentication in frontend js (2 hours)
3. Set up accounts and auth in backend (2 hours)

Total for user story: 6 hours

User Story 2: As a user, I want to be able to post my progress pictures with other users that they are displayed on their newsfeed
Tasks

1. Create HTML scaffolding for displaying posts (3 hours)
2. Set up database schema table for photos and metadata (2 hours)
3. Write server code to handle photo upload (5 hours)
4. Frontend js code to send photo to server (3 hours)

Total: 13 hours

User Story 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
Tasks

1. Retrieve time from database (1 hour)
2. Write front-end code to display time in a user-friendly way (2 hours)
3. Display the photos in chronological order (2 hours)

Total: 5 hours

User Story 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
Tasks
1. Learn to work with Google vision API to retrieve info(5 hours)
2. Set up code to receive and parse through nutrition data (3 hours)
3. Write front-end code to display nutrition data to the user (2 hours)
4. Send the nutritional data to the database in order to log the user's meals (2 hours)

Total: 12 hours

Team Roles:
Kirby: Scrum Master, Full stack developer
Sri: Front-end Developer
Jared: Front-end Developer
Gavin: Developer
Amanda: Developer

Initial Task Assignment:
Kirby:
- User story 1, task 3. Set up accounts and auth in the backend (2 hours)

Sri:
- User story 1, task 1. Create sign in HTML/CSS scaffolding (2 hours)

Gavin:
- User story 1, task 2. Set up authentication in frontend js (2 hours)

Jared:
- User story 2, task 2. Set up database schema table for photos and metadata (2 hours)

Amanda:
- User story 2 task 1. Create HTML scaffolding for displaying posts (3 hours)

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)