1. **High Level Goals**
   1. Be able to make a user account
   2. Be able to view your account page with your posts
   3. Be able to post a food from a specific restaurant
   4. Be able to interact with other peoples posts
   5. Be able to access a page with a list of foods “to-eat”
   6. Be able to add posted foods to the “to-eat” foods
   7. Receive personalized food recommendations
2. **Sprint Plan**
   1. Sprint 1 [13] - Ramp up Sprint
      1. **User Stories**
         1. {High} As a user, I would like to be able to sign up and log in to an account [13].
      2. **Infrastructure Tasks:**
         1. Create EC2 Production Server
         2. Create Postgres database
         3. Setup NGINX reverse proxy
         4. Setup HTTPS routing
         5. Create Node.JS server
         6. Dockerize Nodejs server, nginx proxy, and database server
         7. Setup S3 Storage Server
      3. **Spikes**
         1. Learn how to build and deploy a mobile app w/ React Native on Xcode.
   2. Sprint 2 [29]
3. **User Stories**
   1. {High} As a user, I would like to see my profile page so that I can view my past posts and interactions [13]
   2. {High} As a user, I would like to be able to make a post to show my friends what I am eating [8]
   3. {High} As a user, I would like to follow and unfollow accounts so that I can make a network of friends [8]
4. **Spikes**
   1. Research process of posting an app to the app store, what does it require?
5. **Infrastructure Tasks**
   1. Add seed data to the database for the sake of API and feature testing.
   2. Gain permissions to user’s mobile cameras and locations for the sake of social media posts and geotagging
   3. Sprint 3 [34]
      1. **User Stories**
         1. {High} As a user, I would like to be able to alter my own account information [8]
         2. {High} As a user, I would like to have a usable to-eat list on the application [8]
         3. {High} As a user, I would like to be able to add other people’s foods to my to-eat list [5]
         4. {Medium} As a user, I would like to explore other unfollowed people’s posts in the explore tab[13]
      2. **Spikes**
         1. Research how Google Ads work and how they can be integrated into our current backend framework / frontend UI
      3. **Infrastructure Tasks**
         1. Add advertisements in the explore page posts, make it look near-identical to the normal posts.
   4. Sprint 4 [34]
      1. **User Stories**
         1. {Low} As a user, I would like to be able to receive notifications from the app [8]
         2. {Low} As a user, I would like to see a “dish of the day” at the top of the home page [5]
         3. {High } As a user, I would like to be able to access a recommended foods, “new eats”, within the explore page [21]
      2. **Infrastructure Tasks**
         1. Beta test application with new users, e.g. family and friends
         2. Deploy application to the app store so it can be used by those outside of development group
6. **Sanity Check**
   1. The work distribution across sprints seems relatively reasonable and completable based on our understanding of our group’s capacity and capabilities. We allowed for plenty of time for infrastructure setup and have accounted for other classes, midterms, and holidays.
7. **Product Backlog**
   1. {Infrastructure} Add Kubernetes for smooth scalability of app if user base grows large
   2. {Infrastructure} Add Redis for caching of user-data in between Postgres and NodeJS server
   3. {Medium} As a user, I would like to be able to post multiple images on the same post [5]
   4. {Low} As a user, I would like to be able to block specific users [5]
   5. {Medium} As a user, I would like to be able to share posts to other people that do not yet have the app [5]
   6. {Low} As a user, I would like to be able to add a bio to my profile [3]
   7. {Medium} As a user, I would like to be able to view my liked posts [8]