

## CSCI 201 Final Project – Team Members and Meeting Times

Team Members (5): Izzy Benavente - Albert Yue - Sydney Liu - Rebecca Wu - Mingzhe Fang

Meeting Time: Thursdays 8-10pm at Smiles Café

Instagram for food. Imagine being able to look at food. Make food. And eat food. In whatever situation you want. We envision a future where finding and making food is as easy as pulling out an app and searching. In the future we will build a robot that will automatically make the food using the instructions you choose. This is the first step in making it possible to have any food you want at any time without even touching a spoon!

The project will be done as a native android app with a full featured camera. It will essentially be a social media outlet where foodies and amateur cooks (just trying to get by) can post images of food and also add their own recipes which can be view by anyone looking into that particular dish.

GUI: We will be using the XML layout files to make a simple yet elegant interface where a user can easily interact with the app. We will be following Android Design guidelines, adhering to material design principles as closely as possible.

Multi-threading: We will incorporate commenting, rating, image-posting, and notification functionalities. Multi-threading will allow these to be performed quickly and at the same time.

Networking: Upon login, users will have their info checked against the user database on our server to authenticate their login. When users post images, post comments, and rate posts their data will be saved in our server and be put live on the app so other people can see their most recent additions and actions.

List of functionalities:

1. Link recipes to food
2. Ability to sort food by the following categories:
  - a. Ingredients
  - b. Culture
  - c. Flavor
    - i. Sweet
    - ii. Savory
  - d. Special Diets
  - e. Gourmet
  - f. Healthy
3. Suggestions for similar foods
4. User accounts
5. Ratings and reviews for recipes
  - a. Ratings out of 5 stars
  - b. Comment == reviews
6. Location tagging
7. Notifications

