

## Project: User Testing & Revised Prototype

### 1. Link to Project:

<https://www.figma.com/file/E0ovgVGy1OFh7NyD6MHjiU/work?node-id=97%3A471>

### 2. Changelog:

- a. Based on feedback from Qiuyang, he thinks it is better to have user login page at the beginning, so I change the login and sign up page to the front (use to be at the middle)
- b. To better track food taken time, I added “breakfast”, “lunch”, “dinner” and “snack” options. Users could choose when they took food.
- c. In order to make the food input easier, I added more food input options. For example, users could check their recent eat menu and select food from there. In addition to that, in “my food” page, users could input food by select food they like(because people usually tend to eat food they like more times)
- d. In the calories intake page, I added 2 pie charts, the first chart showing how many calories the user ate, and how many calories to the recommended calorie intake. To motivate users to reach their goals, the second chart shows the improvement of calories intake compared to yesterday.
- e. In order to check the data more intuitively, I added a bar chart showing the weekly calories intake history and average calories per day.
- f. Also, based on the different types of users(users want to lose weight, gain weight, maintain a healthy diet), I add 3 types of recommendation recipes to users.

### 3. User Study Scripts:

- a. Qiuyang Wang: he is a computer science graduate student at CU Boulder
  - i. Tested: Login page, sign up page, food searching pages
  - ii. Feedback from him:
    1. Put the login and sign up page to the front.
    2. In food searching pages, you had users enter the amount of food they ate by 100g scale, however if food is 150g, it is hard for users to estimate calories they take (Changes apply above).
    3. Since the goal of the software is to make users have a healthy diet habit, you could have a page(or pages) that gives recommendation recipes.
- b. Professor Shaun: professor of this class.
  - i. Tested: Food searching pages, history page
  - ii. Feedback from him:
    1. Add more food input options. For example, add a user preference page that allows users to select food from what they usually eat. Also, instead of just searching for foods, you could add a QR scan page that users could scan the QR code to input food.

2. In the history page, in order to allow users to see the historical calorie intake more intuitively, you could use some charts to show the history of calories intake.