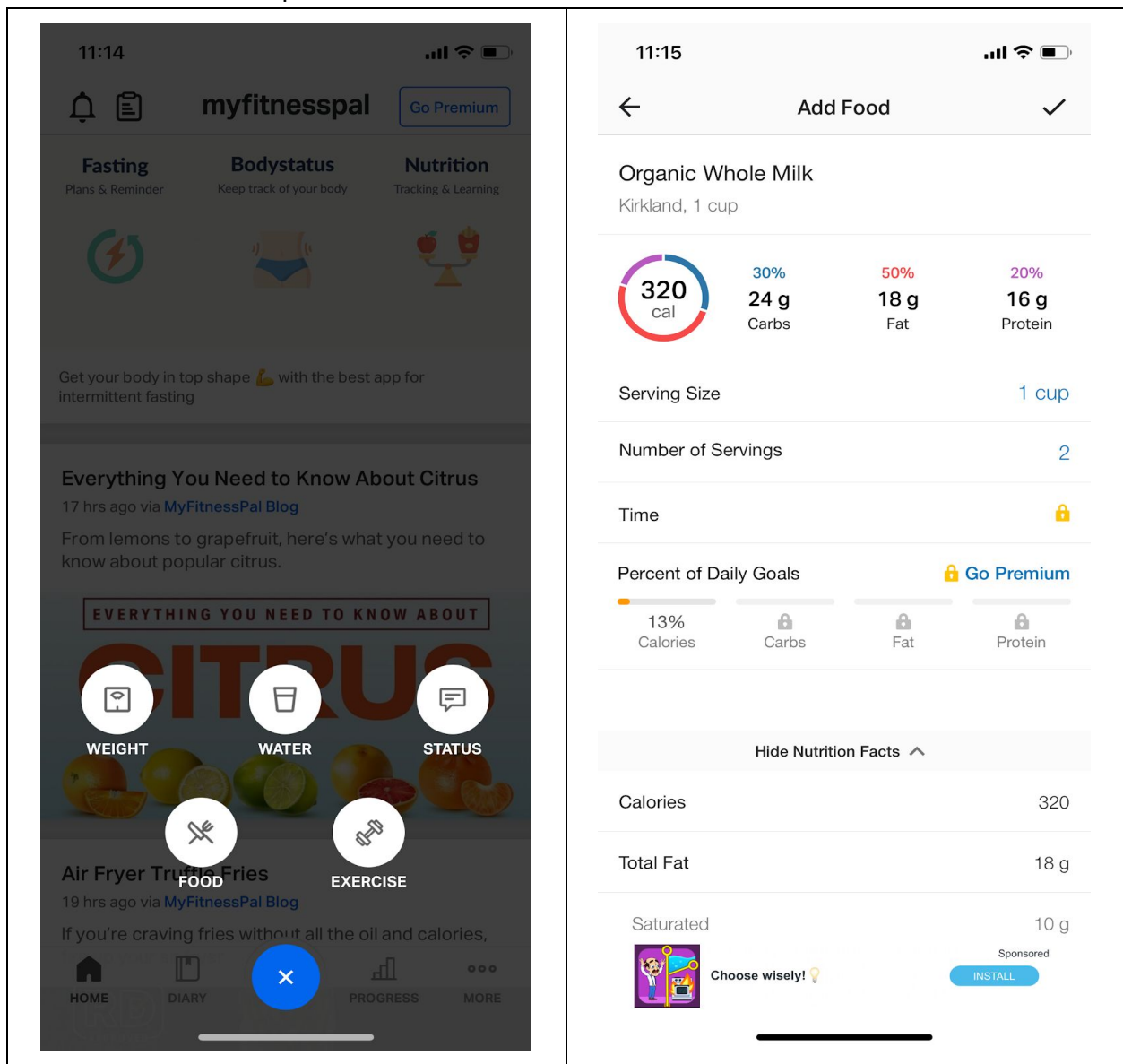Student: Elian Tiudic
Application name: MyFitnessPal
Description: A calorie tracking app.

Task 1 (Adding a food entry):
- Non technical description:
  - The user can add a food to one of their meals which gives them the calories and nutrients for the entry.
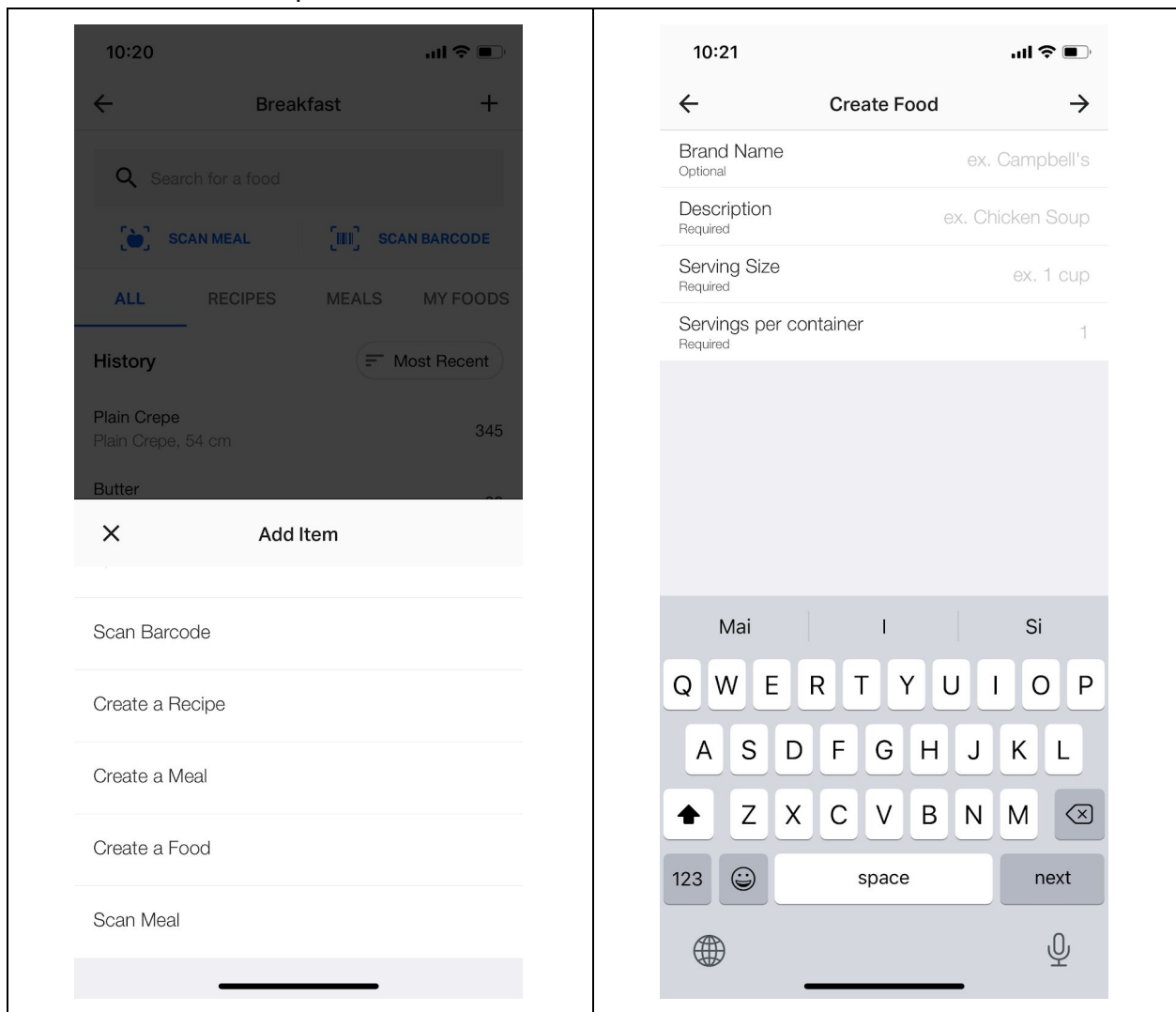
- Technical description:

  - The user presses the blue plus button at the bottom of the screen, selects "food", and then selects "meal" which gives 4 options, breakfast, lunch, dinner, and snacks.

○ After selecting the meal, the user is taken to the search screen, where past foods are shown as a list, and there is the option to search for new foods.
○ After selecting the food, the user inputs the serving size and number of entries and saves the entry.

● What can go wrong while completing the task:
○ The user may not be able to find a specific food they're eating, this is solved by giving them the option to create a custom food.

Task 2 (Creating a new food):
● Non technical description:
○ The user can add a food that can't be found by searching the database.

● Technical description

- On the top right corner of the search screen the user taps the plus sign and selects "create food" option
- The user needs to add the name/brand of the food, serving size, servings per container, macros, calories, and if known, the micronutrients.
- The user adds the names and values by typing them in
- After that, the user saves the food and can find it in the "my foods tab", underneath the search bar and can add it to the calorie counter.

- What can go wrong while completing the task:
  - The user could add an invalid serving size, for example they could forget to mention if it's a cup, oz, etc. and just leave a number there. The app lets you know with a pop-up that tells you your serving size is invalid.

  - Another thing that could go wrong is if the calories don't match the macros. This means that the calories calculated from the amount of protein, fat, and carbs do not match the user input. The app doesn't protect against this and you could create a food with inaccurate nutritional information. If on a strict diet, this could easily mess it up.

Task 3 (Editing/deleting a food entry):
- Non technical description:
  - The user can edit or delete a food entry

- Technical description:
  - The user goes to their diary, where they have all their entries for the day.
  - To edit an entry, the user simply taps the entry once and is taken to a screen where they can edit the serving size and serving amount
  - To delete an entry, the user simply swipes left on the entry, which deletes it

- What can go wrong while completing the task:
  - The editing process is straightforward and the only way the user could be prevented from completing their task is by entering invalid input, such as a word instead of a number
  - The deletion process is straightforward as well, but as someone who just migrated from android to iphone, I had to google how to do it because I was used to long pressing on an item to edit/delete it instead of swiping left.