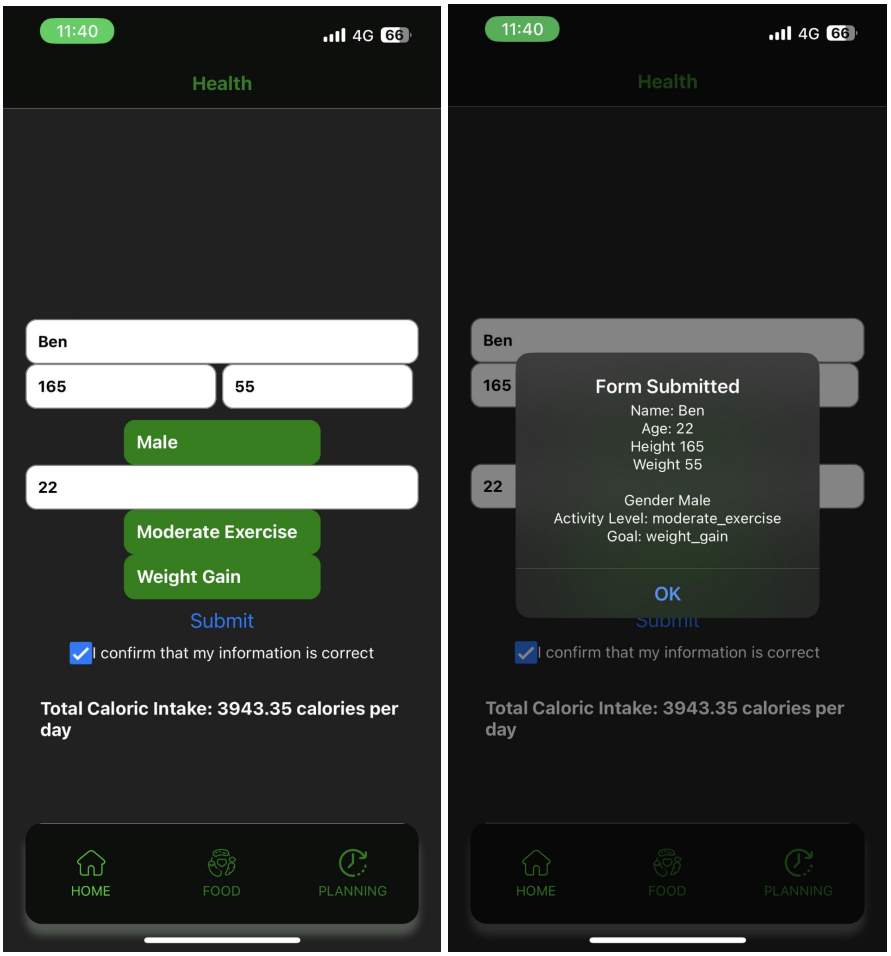
REACT NATIVE Project : Documentation Calories Counter

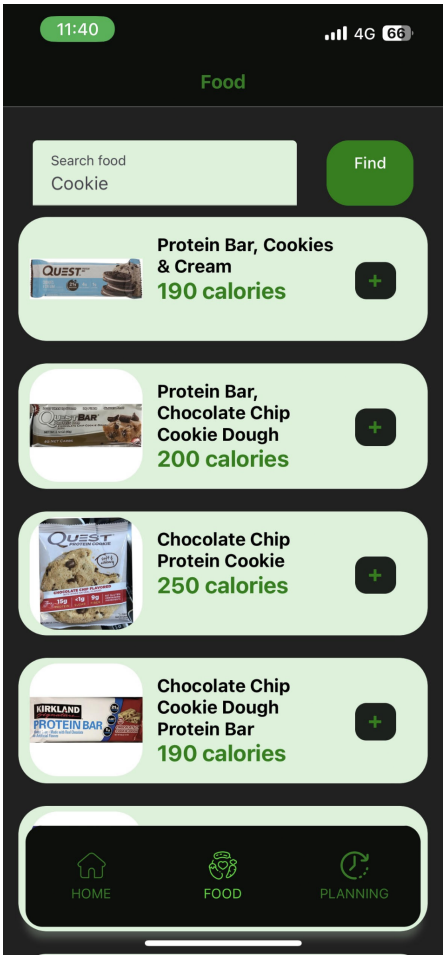
The objective and architecture :

The aim of this project is to create an application that enables users to plan their meals for the week according to a goal they have set themselves. The application is divided into 3 different pages.

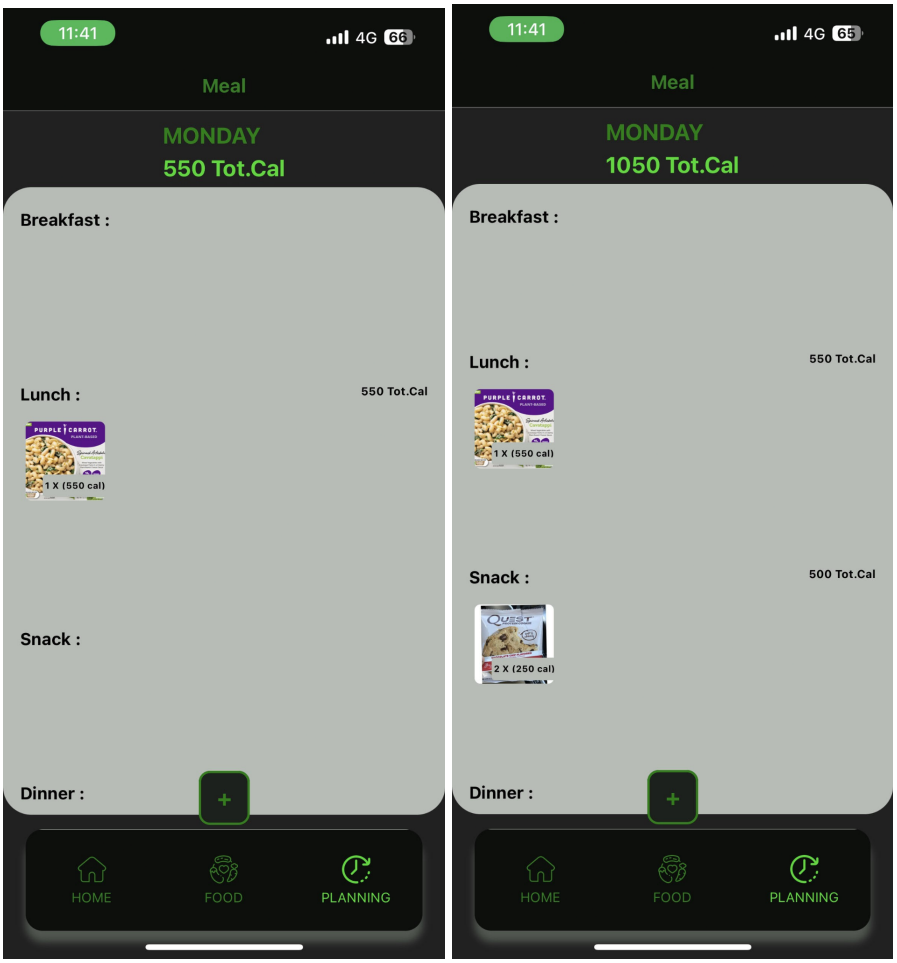
- Health Goals : Users are asked to share personal information such as their weight on this first page. They can then choose a plan to follow, either to lose, maintain, or gain weight. The page will calculate the caloric intake required.



- Food Database : This page allows users to search for the foods they intend to eat during the week. The page features a search bar and a "Find" button. The user will then be presented with a list of foods based on his search, which he can assign to one of his meals.



- Meal Planning : This last page is a calendar of what the user will consume during the week. From Monday to Sunday, you'll find a summary of what you plan to eat at each moment of the day. Each day will summarize their calorie count. This page consists of a scrolling element that stops each day of the week. Each day will be broken down into "Breakfast, Lunch, Snack, Dinner", with a summary of the calories taken at each meal. A "plus button" allows us to add a food item on the current day.



Features :

- Succeeded : Implementation of fields: age, height, weight, gender and objectives. Successful food search with calories, possibility of adding a food for each meal of the day. One-week food planner, ability to manipulate food, calorie summary.

- Unsucceeded :

Difficulties :

Access to the API was complicated, as we wanted to create a complete ingredient database (pasta, vegetables, fruit) so that users could fill in exactly what they were eating. However, we only managed to get the branded food, which greatly limits the user's choice.

Displaying the days of the week gave us a hard time: we started with a vertical scroll view, but it didn't look right. We then opted for a flat list and didn't manage to

get as satisfactory a result as on the second page. We finally opted for a horizontal scroll view for a better display of the food.

In general, the styling was tricky because we're not very comfortable with CSS, so making the app look good was rather challenging. We wasted a lot of time on this.

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