



IPrep&Cook

Phase 2 Report - First Prototype and Heuristic Evaluation

3LEIC04 G04

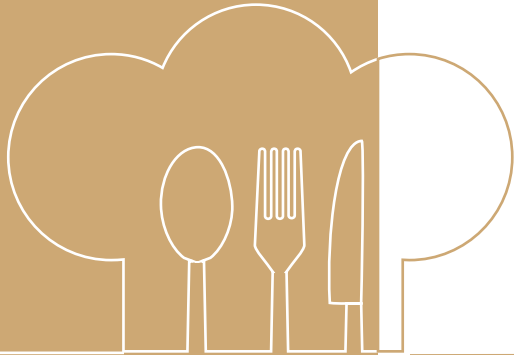
João Pedro Rodrigues Coutinho (up202108787)

Miguel Jorge Medeiros Garrido (up202108889)

Tomás Henrique Ribeiro Coelho (up202108861)



Project Description

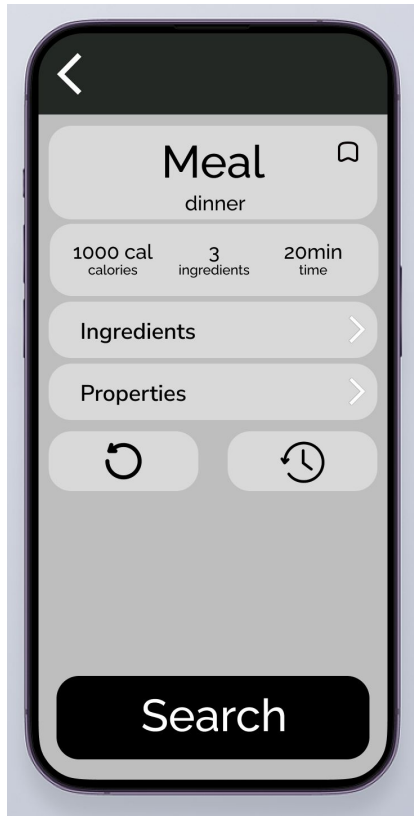


IPrep&Cook is a project that presents users with a fun and enjoyable mobile application which helps them to achieve their goal of having a healthier lifestyle.

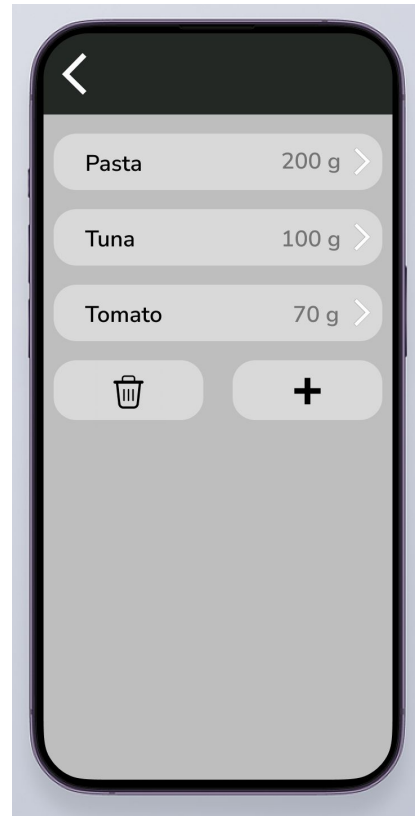
We decided to choose the following tasks for the prototyping phase:

1. **Recipe Generator**
2. **Calories Calculator**
3. **Weekly Meal Planner**

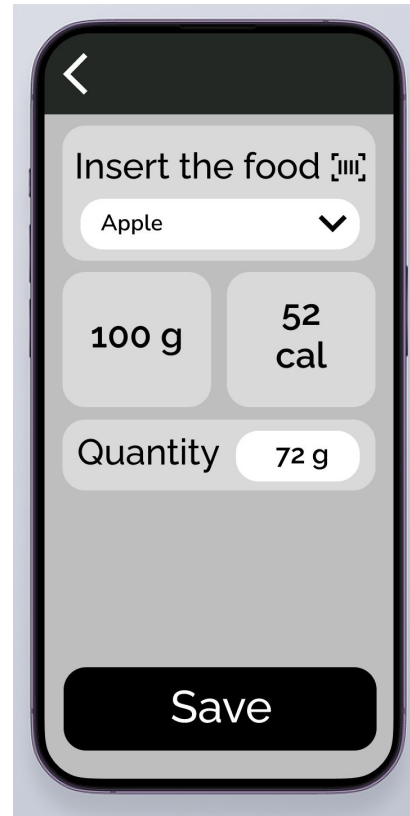
Task 1 - Recipe Generator



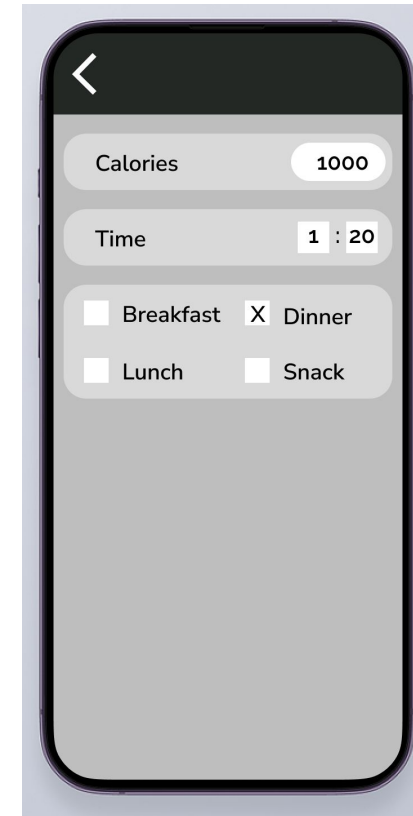
Menu featuring editable information to achieve the desired meal search



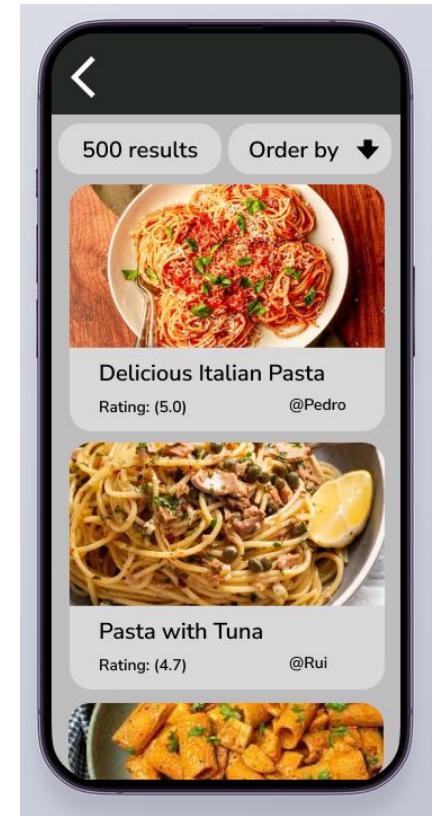
Confirm and modify the list of ingredients at your disposal



Include additional ingredients (or scan them), along with their respective quantities

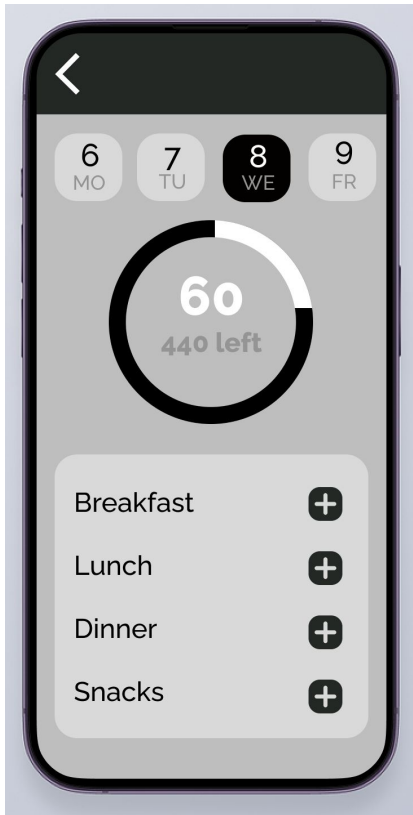


Edit some properties about your desired meal

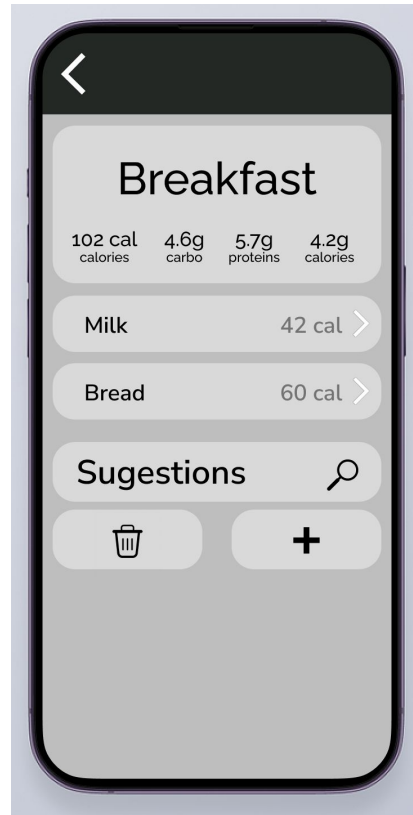


Explore the obtained results

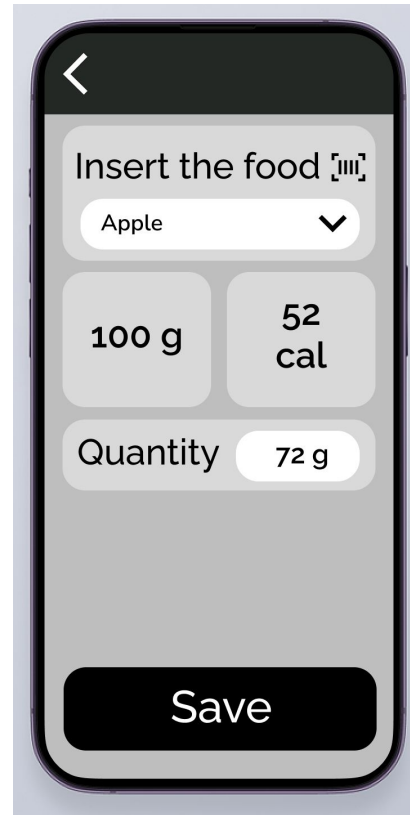
Task 2 - Calories Calculator



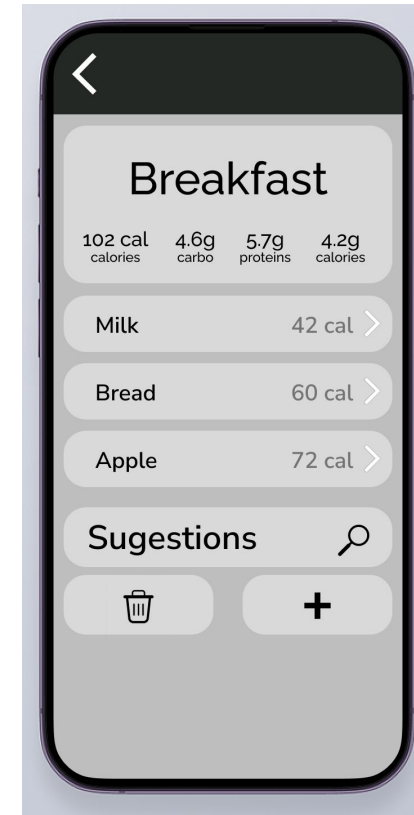
Verify the total amount of calories consumed so far today



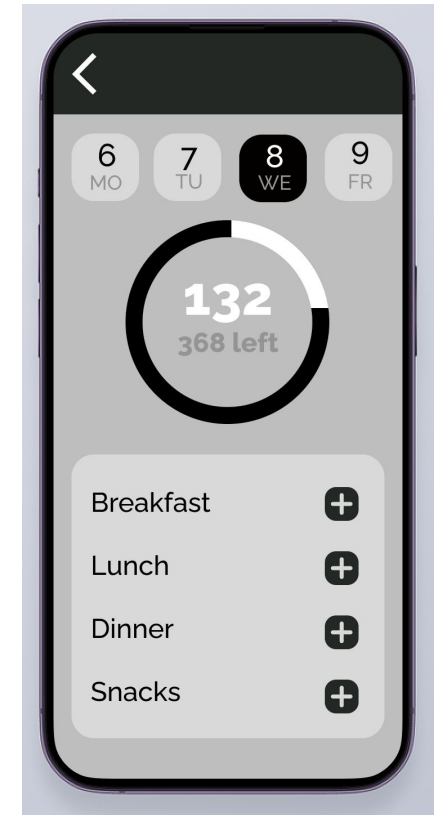
Detailed information about each meal will be provided, alongside the possibility of editing it.



Input the food item (or scan it) and its corresponding quantity.

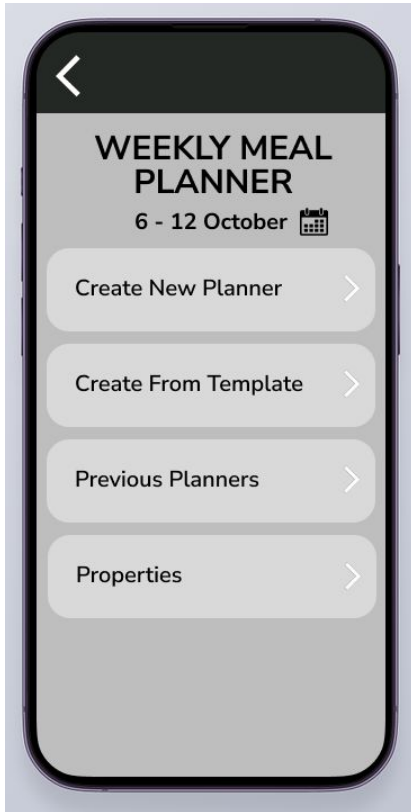


Check the new values on the current meal

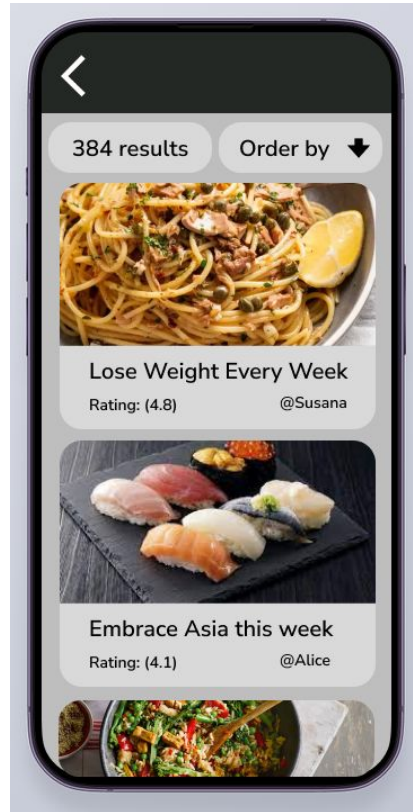


Updated calories counter will be presented after this process

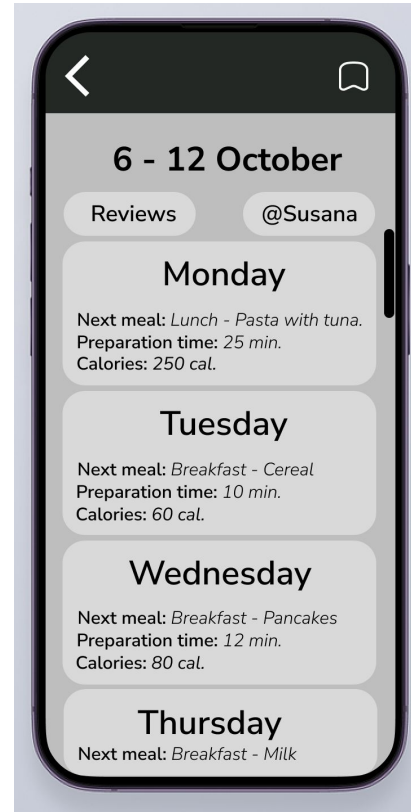
Task 3 - Weekly Meal Planner



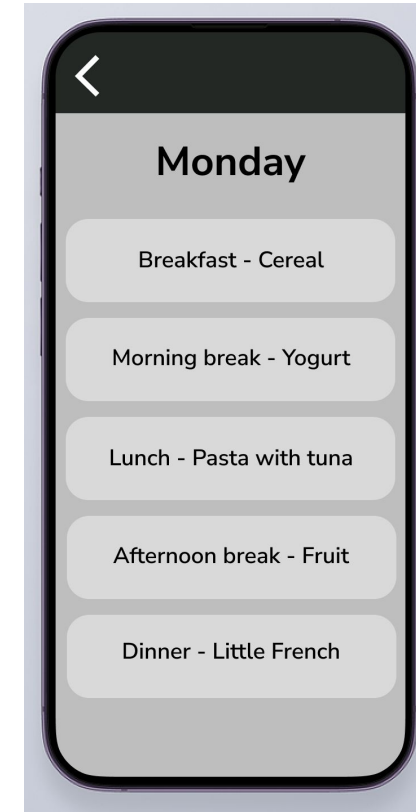
The current week lacks a set plan, so options for creating it are being presented



Some weekly meal planners from other users, based on properties defined by user



Weekly meal planner organized by the respective days of the week



List of meals throughout the day (these meals are editable)



For each meal, you have available information, a description, and the recipe

- Flow error in the *Delete* button on the *Check Meal* screen.
- There's no option to introduce the amount of food ingested instead of the weight (in grams) in the *Calories Calculator*
- No distinction between meals that have already been consumed and the ones that haven't
- The code scanning feature doesn't specify the amount of food
- **The option to remove food inserted in the *Calories Calculator* isn't clear**
- **The option to generate a new meal isn't very intuitive**
- The option to delete a meal and/or an ingredient doesn't ask for confirmation
- Lack of clarity in the *Calories Calculator* display

Heuristic Evaluation Results

Corrections

- Correct the flow in Figma to point to the correct page.
- Add an option to insert the amount of food ingested and convert it automatically to weight.
- Change the color of the meal tickets that were already consumed.
- After scanning the product, select the amount of food from the registered product.
- Add a button in the foods previously inserted in the *Calories Calculator* to make it possible to delete them.
- When the user goes to the *Meals* page for the first time, show a tutorial of how to generate a new meal (swipe).
- Show a confirmation pop-up when the user tries to delete a meal/ingredient.
- Add a title to the page so the user knows where he is and display the “cal.” in the *Calories Calculator*.



Thank You