yFood

Smart food management
Healthier life
Avoid waste

The mission

We waste a lot of food and and don't eat always healthy.

yFood tries to avoid waisting time and money, finding the perfect recipes based on what people have at home, keeping in mind the expiration date.

How it works?

yFood needs to acquire information about what you have at home, then it can search the perfect recipes for every day, also suggesting what to buy next.

You can consult what food you have at home, and check for the proposed recipes and decides during the day what to have for dinner.

Acquisition

Analysis

Proposition
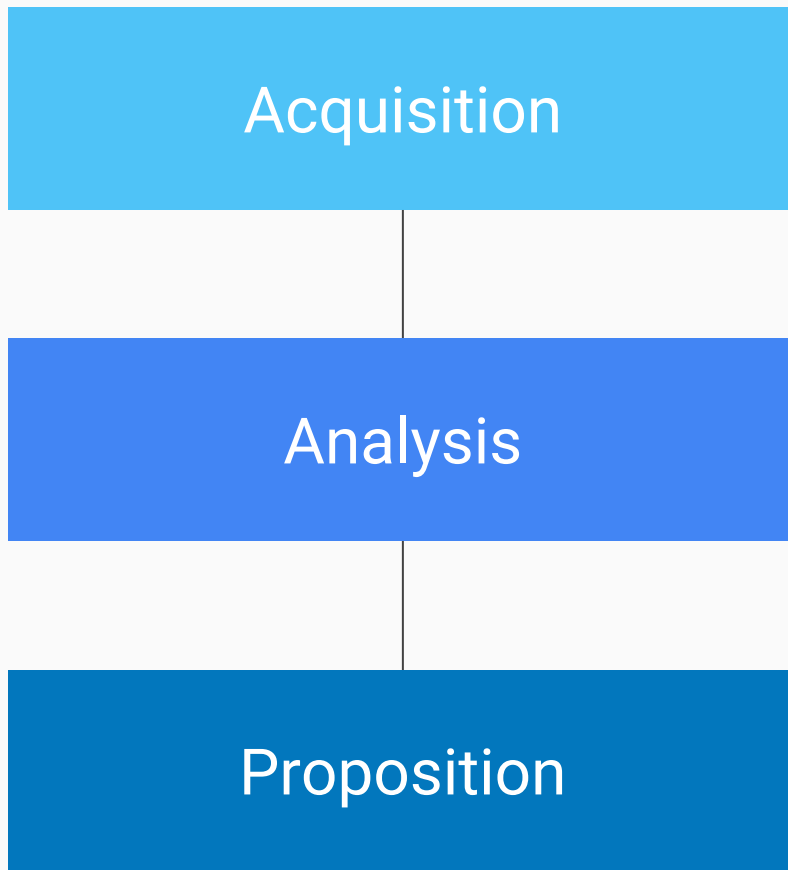
Product Infrastructure

- Hardware: a dedicated device to install inside fridges and pantries, or already present inside the fridge.
- Software: classification program to identify food and then search for recipes that allow for a healthy life, giving priority to food with near expiration day.

Sensors

- A 180° sphere camera that acquire photos of the products.
- To improve precision, a barcode scanner can be used so to get detailed information about the products and avoid misclassification.

Connectivity

- WiFi to connect to the Internet using the domestic connection.
- Smartphones and tablets access data using their own connection (WiFi or cellular)
- No need for direct communication between yFood device and smartphones/tablets.

Analytics

- The data about the food inside the home is sent to remote servers, preserving the privacy of the users.
- Some analysis try to find patterns in consumers habits so to correlate products and find perfect recipes.
- Users will receive shopping tips so to buy food that complements what's at home and be ready for the suggested recipes.
- The recipes are suggested looking at the estimated expiration date so to avoid waste food, time and money.

Smart Apps

- Web interface and iOS/Android applications
- The user can consult these interfaces so to check what's at home and discover new recipes.