

# EatWise – DOCUMENTATION

Our project was to develop a mobile application called “EatWise” using React Native and Expo Go. This application consists of a calories counter and meal planner.

## Objectives:

- Have three different tabs (Health Goals, Food Database, Meal Planning) using a Bottom Tab Navigator,
- Implement in the Health Goals screen the possibility for the users to set their personal health goals and get their suggested daily caloric intake based of these very goals,
- Implement a mean to look up food items and their calorie content using an API,
- Implement a Meal Planning that offers the possibility for the users to add and remove food items from it in order to keep track of what they ate or plan to eat (with the total calories of each day/meal)

## Application Architecture:

The main entry point of the application is managed with App.js at the root of the repository. The three different screens are stored under the screens folder, as for the icons they are stored in the icons folder.

The MealPlanContext.js component used to share the meal plan data between the database and the meal planner is placed at the root of the repository along with App.js.

## Succeeded/unsucceeded features:

We were able to get every single point indicated in the project done, although it took quite some time for some items to be done, we would have liked to personalized the application a little more, to make it more pleasing to the eye by adding backgrounds, images...

Bonus feature include the image of the food item displayed at each search.

We had a lot of trouble to understand how the API calls worked, which took us a lot of time, but in the end we were able to get it done after trying out different nutrition API (we settled with **Nutritionix**)

Here are two screenshots of the application in its early stages:

