

# Documentation Kcal-endar

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## Objective

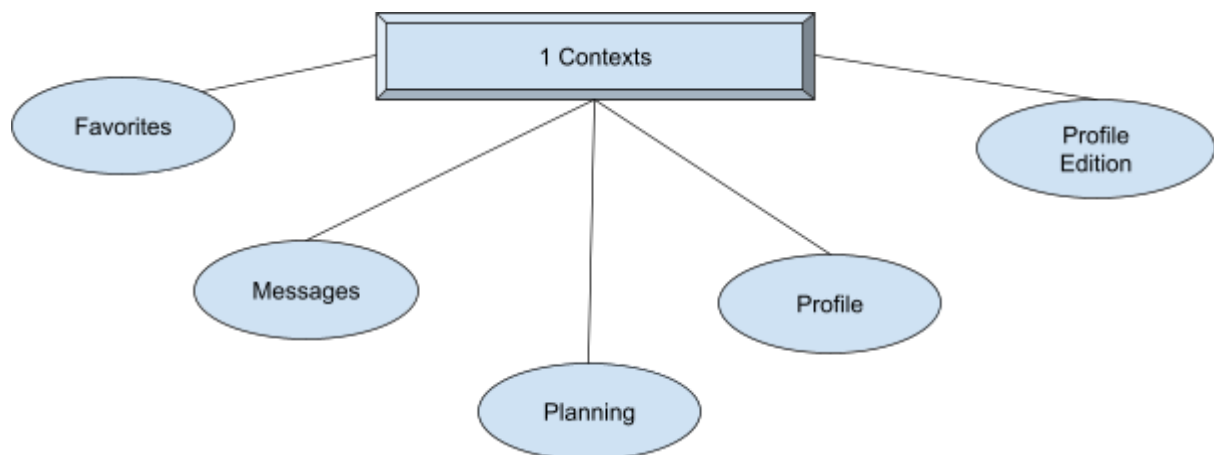
The objective of the Kcal-endar is to have a mobile application where we can have a meal plan based on our health goal(either weight loss, muscle gain or maintenance). The users can plan their own meal based on what the app plans for them. They have in their disposal a huge food database to plan their meals. It can be used in all sorts of mobile phones.

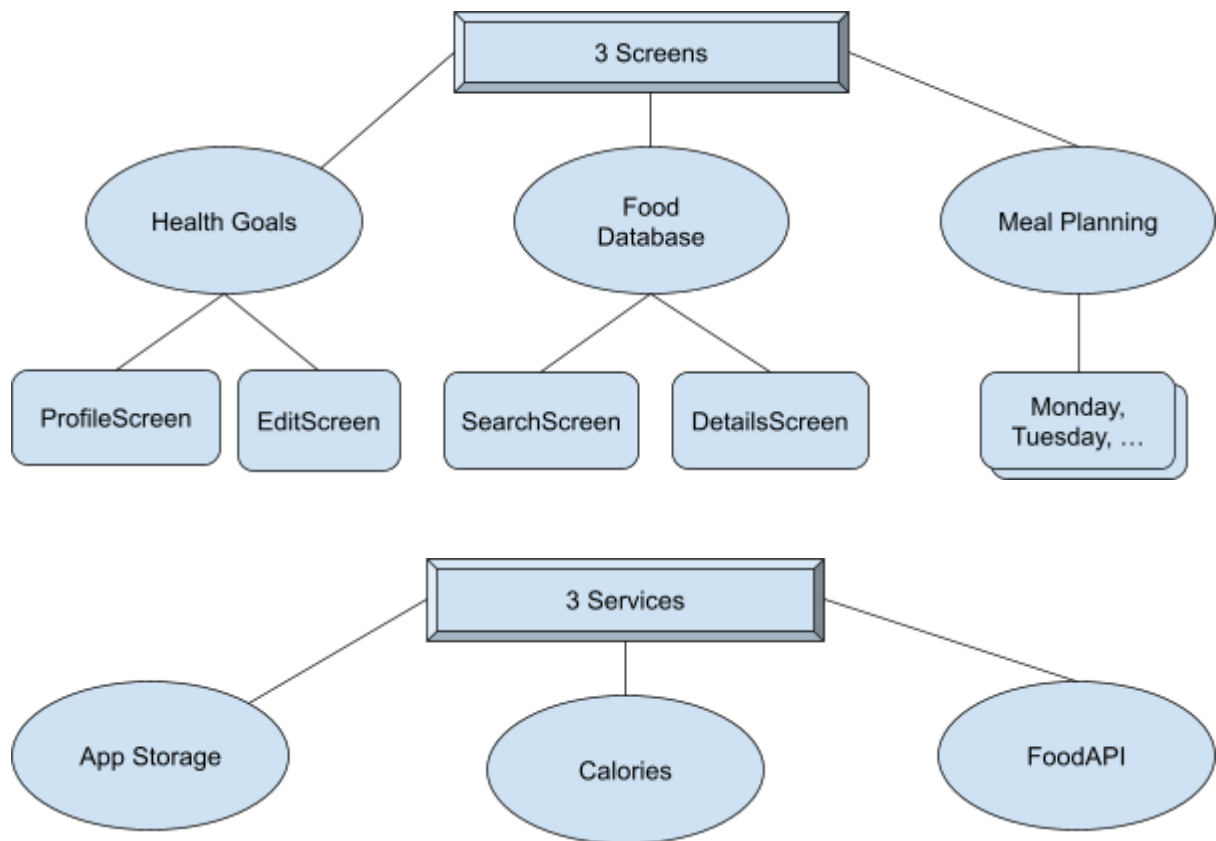
## Application's architecture

The code is structured in several folders :

- Components: Shared components
- Contexts: Application contexts
- Hooks: Custom hooks
- Screens: All the different screens
- Services: Functional code about food, calories and app storage
- Tools: Just small helper functions, constants and types.

Contexts help for making links in between and managing data shared by multiple screens and components.





## Succeed features

The edition and profile are successfully working, as you can obtain a kcal goal after putting on our parameters and goals.

We have a successfully working food database. So we can select different foods, where we can apply filters depending on the type of food we want to put in the meal plan.

All functionalities on the specification are done.

## Unsucceeded features

Daily average is not reliable, if we put twice the food, it will only be booked once.

# The difficulties you faced while developing it

Charging with expo takes a lots of time, and refresh too, sometimes it just doesn't work, so we have to restart regularly the app the make sure il takes into account our r