

## NutritionalistApp: further documentation

- Summary of hooks used:
  - useEffect: used across the app for fetching data or updating the database storage.
  - useContext: used in session management
  - UseReducer: also used in session management, handles login and logout actions
- Summary for pages in regards of functional components from react:
  1. Home: includes multiple sub-components
    - a. Home: this is the main component, uses: useState, useEffect, useContext, Axios
    - b. RecipeForum useState
    - c. AnalysisResult: simple page, calls loader and displays analysis table
    - d. SaveButton: addDoc from firebase, useNavigate, useContext for validation
  2. Inputs: useState, useEffect, useContext, uses loader also while fetching from firestore and uses firestore queries
  3. Login: useState, useNavigate, useContext(sessionContext)
  4. Logout: useContext (SessionContext), useNavigate
  5. Register: useState, useNavigate, useContext (SessionContext),

Other pages, include:

- Navbar:

Displays on top of the page with the navigation links

- Footer:

Includes copyrights and attributes, displays at the bottom of the page

Both are consistently shown to the user through out all the pages

- Firebase:
- sessionContext: wraps the app in a context provider (sessionContextProvider) this is used to update the user stautes across the several pages of the app

- sessionReducer: updated local storage with the current session of the user, and handles actions of the user (login/logout)
- Notice: all pictures used do not need attribution and are legal to use
- Notice 2.0: more documentation is available in the app in the comments