# RECIPE WEBSITE

FRONTEND ENGINEERING

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# Summary

# Site description

We decided to develop a website for posting and displaying recipes. Our site allows a visiting user to be able to view the recipes published within the site, to filter the recipes through their respective categories and to search for the recipes they wish to view.

In addition, our site gives a user the possibility of registering or logging in (if a user is already registered) in order to take advantage of the greater functionality that our site provides.

A user who registers or logs in, within our site, can therefore add his own recipes with their respective data (recipe name, category, image, procedure to follow, ingredients and preparation time), modify the recipes already entered, delete some of them and above all add some recipes to the list of favourites.

In fact, the registered user will have a section dedicated to the list of favourite recipes, where he/she will be able to access them in order to view them and take inspiration for cooking new foods or add recipes with new variations. There is also the possibility of being able to remove a recipe from the list of favourites.

On the home page, as already mentioned, you can filter recipes by category (appetisers, first dishes, second dishes, side dishes, leavened, sweets) and by name. The search will return the desired recipe and allow the user to view it with the relevant information.

# User-friendly

In order to have a user-friendly layout, we decided to keep the design clean and simple, avoiding too many visual elements that may distract the user visiting the site.

We decided to use light colours to facilitate the reading of the text and improve the accessibility of the site. The organisation of the content is clear and easy to understand, using a drop-down menu to organise the information in the categories.
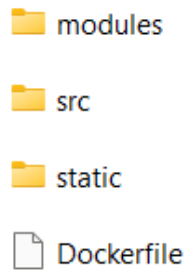
In addition, the font chosen is legible and not too small, to facilitate the reading of the content, and the use of buttons and call-to-actions are clear and clearly visible, to encourage users to perform the desired actions, choosing the colour of the buttons not to be alert and danger like red.

To make the site easy to navigate, we created a menu with content categories and an advanced search bar, clearly visible on any device and enhancing the user experience.
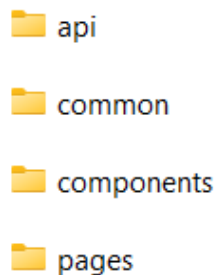
In general, a user-friendly layout should be easy to navigate, have a good visual appearance and provide relevant information in a clear and organised manner. In fact, having a user-friendly design will improve the user experience.

# Architecture

The architecture of our project is structured as follows:

- 📁 modules
- 📁 src
- 📁 static
- 📄 Dockerfile

In the modules folder are all the links to external things used (templates, bootstrap, ect). In the folder static we have images of our site logo and a page not found. In the src folder you have the following structure:

- 📁 api
- 📁 common
- 📁 components
- 📁 pages

In the api folder you can find the files relating to communication with the backend; in the common folder you can find all the utilities; in the components folder you can find the JavaScript handlers that attach to the html pages where each component has a view part (contains the html) and a controller part (contains pure JavaScript); in the pages folder there are all the html pages that are present on our site.

## How to run

- git clone https://github.com/GiordanoT/frontend-engineering.git.
- Right-click on database (WinRaR) and select 'Extract here'.
- The database will consist of the following folders:

    📁 db

    📁 dev.archive

    📁 production

- Within the project, run the command at the prompt: docker compose up -d (wait for it to build the images and containers).
- Once the previous process is finished, go to: http://localhost:5001/src/pages/index.html.
- Credentials user:
  - Email: admin@mail.it;
  - Password: admin.