

2. Requirements

2.1. System requirements

The system requirements for our Cooking App, are compounded by a repository in GitHub which contains both the software application and a small database with the main data of the application, such as a list of ingredients in the pantry, well known recipes, , images of the dishes, etc. The second system requirement that could be mentioned, it is the database itself and finally, a single computer for each user in order to use the application locally.

2.2. Functional requirements

Several functional requirements have been identified based on this proposal. These requirements are the following:

- In the main menu the user will choose an option among pantry, recipes, shopping list and weekly menu.
- The user will be able to read/add/modify/delete/search ingredients of the pantry. If the user selects a recipe as done, all its ingredients with their quantities will be removed from the pantry.
- The user will be able to read/add/modify/delete recipes and search them by vegetarian, vegan, meat, fish, without lactose, without gluten or using another filter. The amount of portions of a recipe could be also modified by the user.
- The user will be able to read/add/modify/delete ingredients of the shopping list and also add ingredients directly from a recipe.
- The user will be able to read/add/modify/delete weekly menus as well as the name for the menu. In order to create a weekly menu, the app will allow to do it in two different ways: randomly or manually. For this function, also different filters (as the recipes

search) will be available. Existing menus can be used to create new menus.

2.3. Non functional requirements

This application should be intuitive and easy to use in order to save time and help the user with new recipes, do the shopping list and prepare weekly menus.