

Portfolio Assignment: Develop a web application

By

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1 Conception phase

In this portfolio I intend to conceptualize, develop and finalize a web application which can be used to add recipes to a data bank and then look for recipes that contain certain ingredients one wants to cook with. It is intended for the private use of individuals who want to have a digital cookbook in which they can search for recipes with certain ingredients, e.g. ingredients they already have, and which must be used before they go bad. Searching for recipes in the digital cookbook is going to be way faster than going through an analog cookbook, also, it will be possible to search for multiple ingredients in one meal, not only one. Since the cookbook is digital, one saves space at home without needing different cookbooks.

For the front-end of the recipe web application, I want to use Vue.js. A Node.js framework will be the server handling requests and responses. The recipes are going to be stored in an SQLite database. The figure below roughly illustrates how the application will be set up.

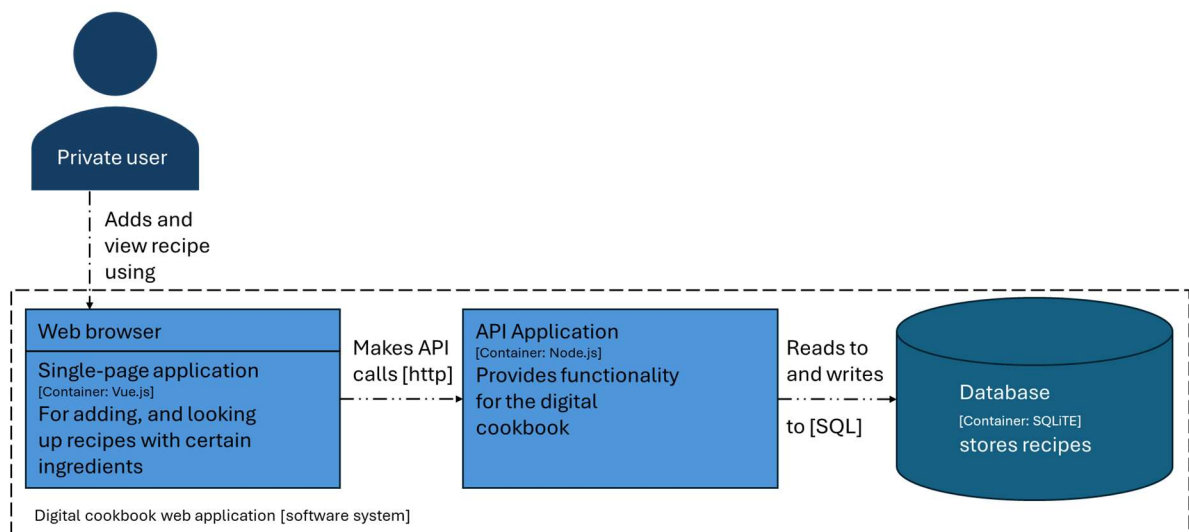


Figure 1: Container diagram for the digital cookbook web application