

Objective

Create a standalone java application which allows users to manage their favourite recipes. It should allow adding, updating, removing and fetching recipes.

Additionally, users should be able to filter available recipes based on one or more of the following criteria:

- Whether or not the dish is vegetarian
- The number of servings
- Specific ingredients (either include or exclude)
- Text search within the instructions.

For example, the API should be able to handle the following search requests:

- All vegetarian recipes
- Recipes that can serve 4 persons and have “potatoes” as an ingredient
- Recipes without “salmon” as an ingredient that has “oven” in the instructions.

Requirements

Please ensure that we have some documentation about the architectural choices and how to run the application. The project is expected to be delivered as a GitHub (or any other public git hosting) repository URL.

All these requirements need to be satisfied:

- It must be a REST application implemented using Java (Preferably use Spring boot)
- Your code should be production ready.
- REST API must be documented
- Data must be persisted in a database
- Unit tests must be present
- Integration tests must be present