



Project demo N° 1

SoftServe IT Academy

Kh-038-Java/Davita

14 February 2020

Our team

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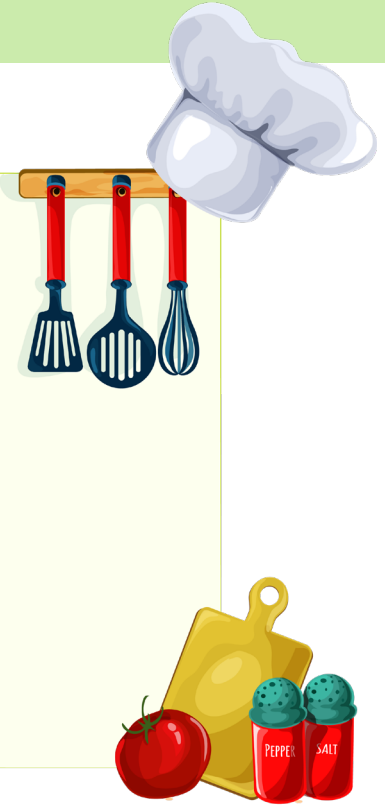
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Subject area

The main theme
of our project is
cooking & diet.



About the project

«la Recette» software is aimed to provide information about the most suitable recipes gathered worldwide according to the customer data. It's designed to empower the users with flexible recipe choices based on ingredients available to them.

About the project

The software will allow end-customers to create individual dietary plans. It doesn't matter whether the user is a student with a limited budget, the chief cook, nutritionist or a regular householder, in all these cases he will benefit from using such a tool.

Major features

Personal account:

- Calculating daily calorie intake using data such as age, sex, weight, height and everyday activity;
- Storing personal cooking history in order to provide non-repeating recipes in a certain period.
- Product Blacklist that automatically hides recipes with unwanted ingredients.

Major features

Filters and search for recipes:

- Selection of recipes with specific ingredients: only selected products or selected products and additional ingredients.
- Selection of recipes by criteria: time, calories, difficulty, world cuisine.
- Full text search (finding matches in a recipe description).

Major features

Ration:

- Combining recipes for some period, taking into account user specific needs such as daily calories and product blacklist.

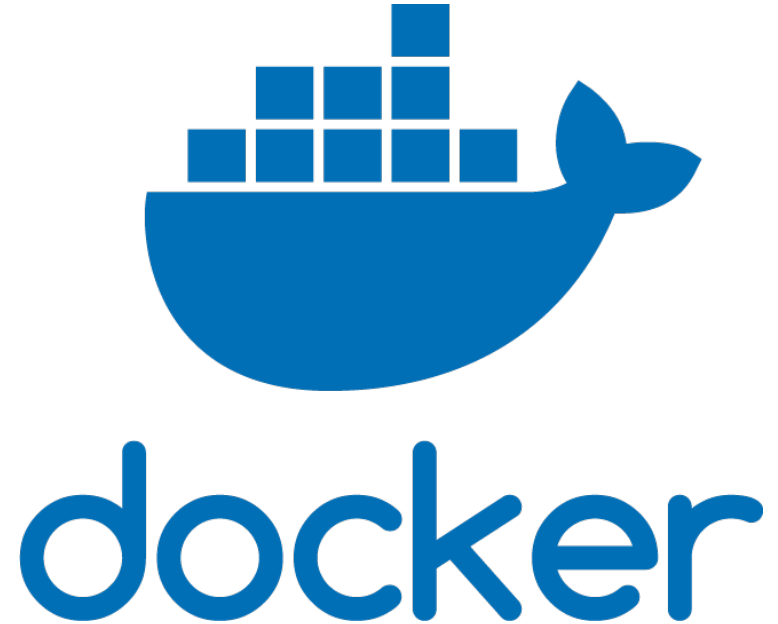
Project technologies

Java 8



Project technologies

Docker 19.03.5



Project technologies

Gradle



Project technologies

Spring



Project technologies

Spring MVC



Project technologies

Spring security



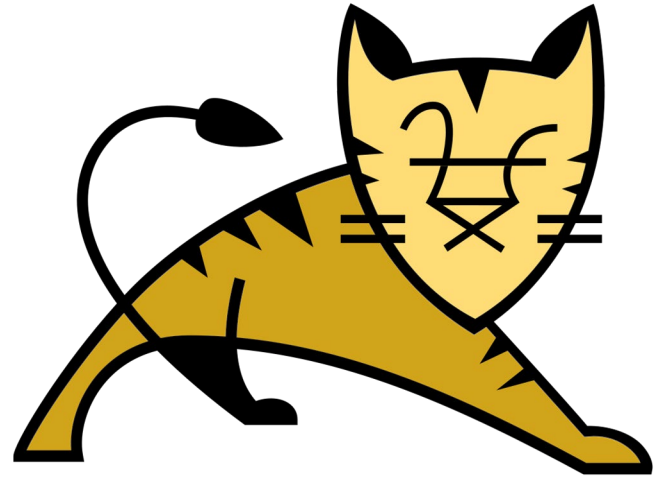
Project technologies

Spring Boot



Project technologies

Apache Tomcat 9.0



Project technologies

GCP Cloud Spanner [version]



Project technologies

Elasticsearch



elasticsearch

Project technologies

Apache Kafka

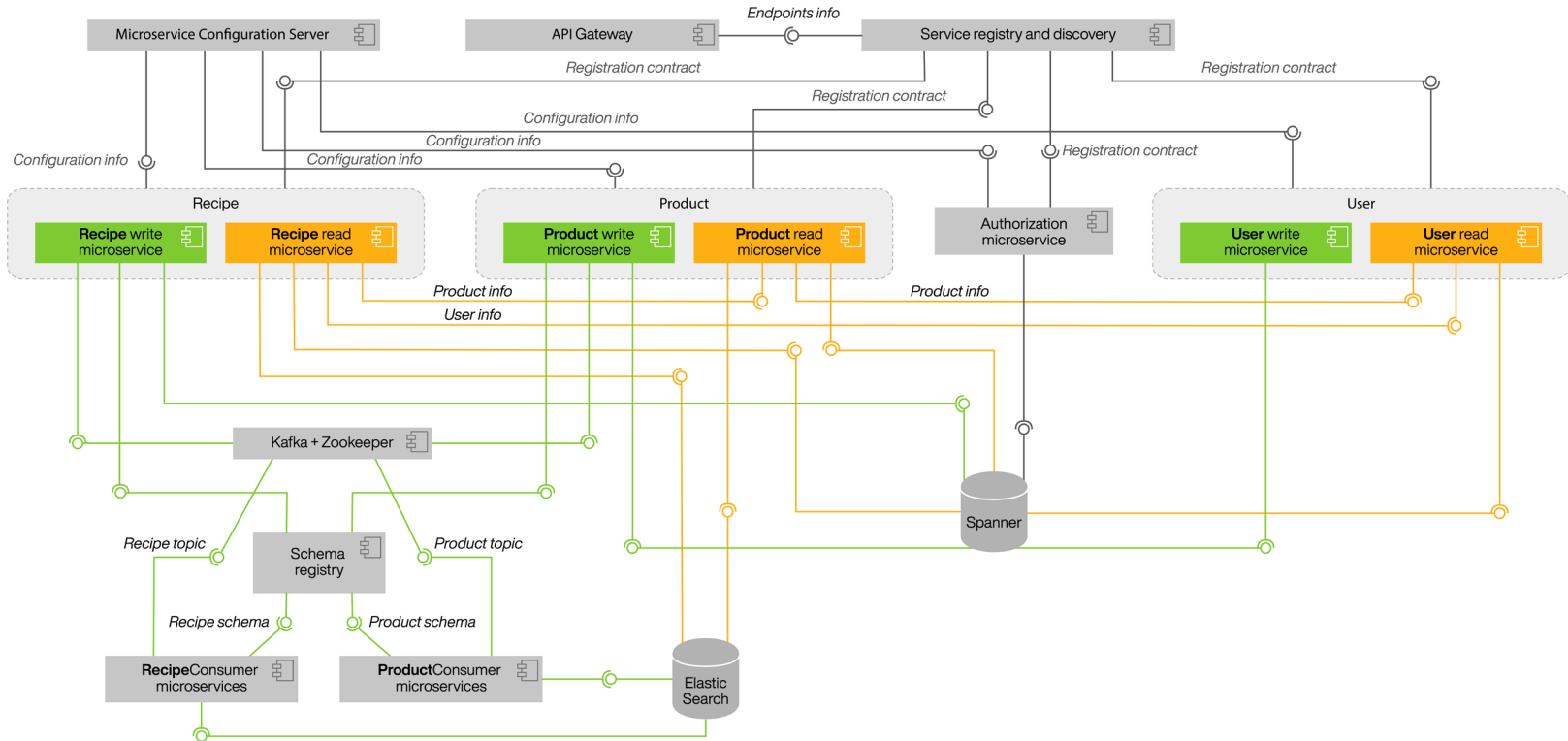


Project technologies

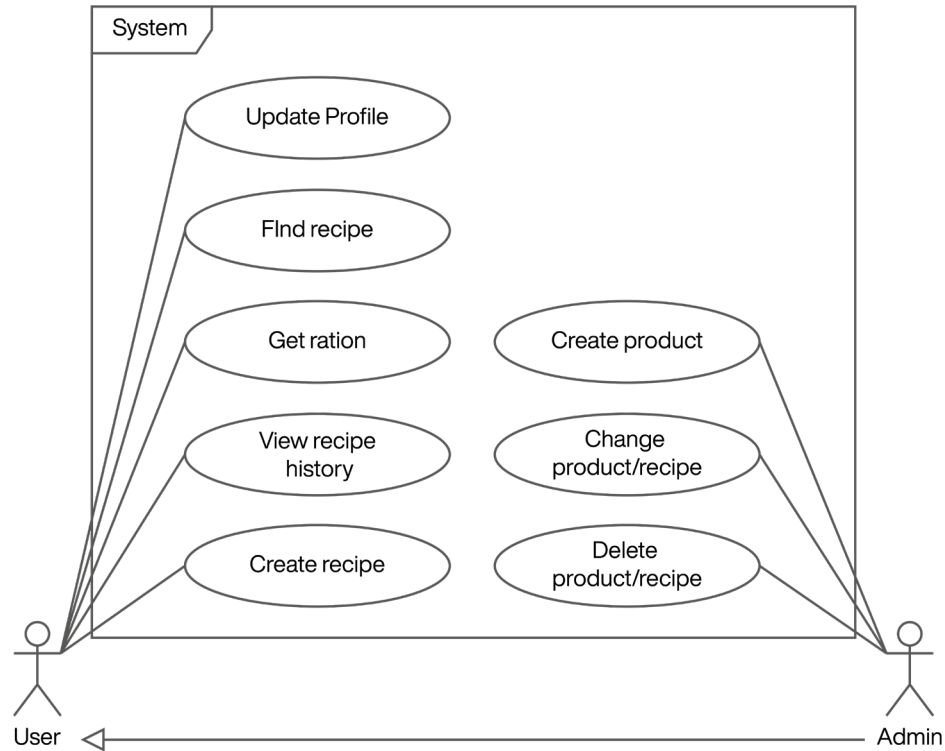
Jenkins



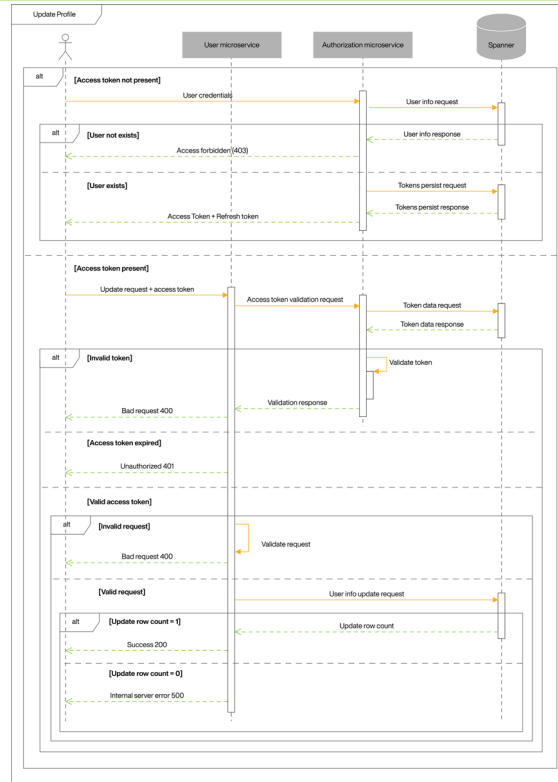
Project design diagrams: **Microservices**



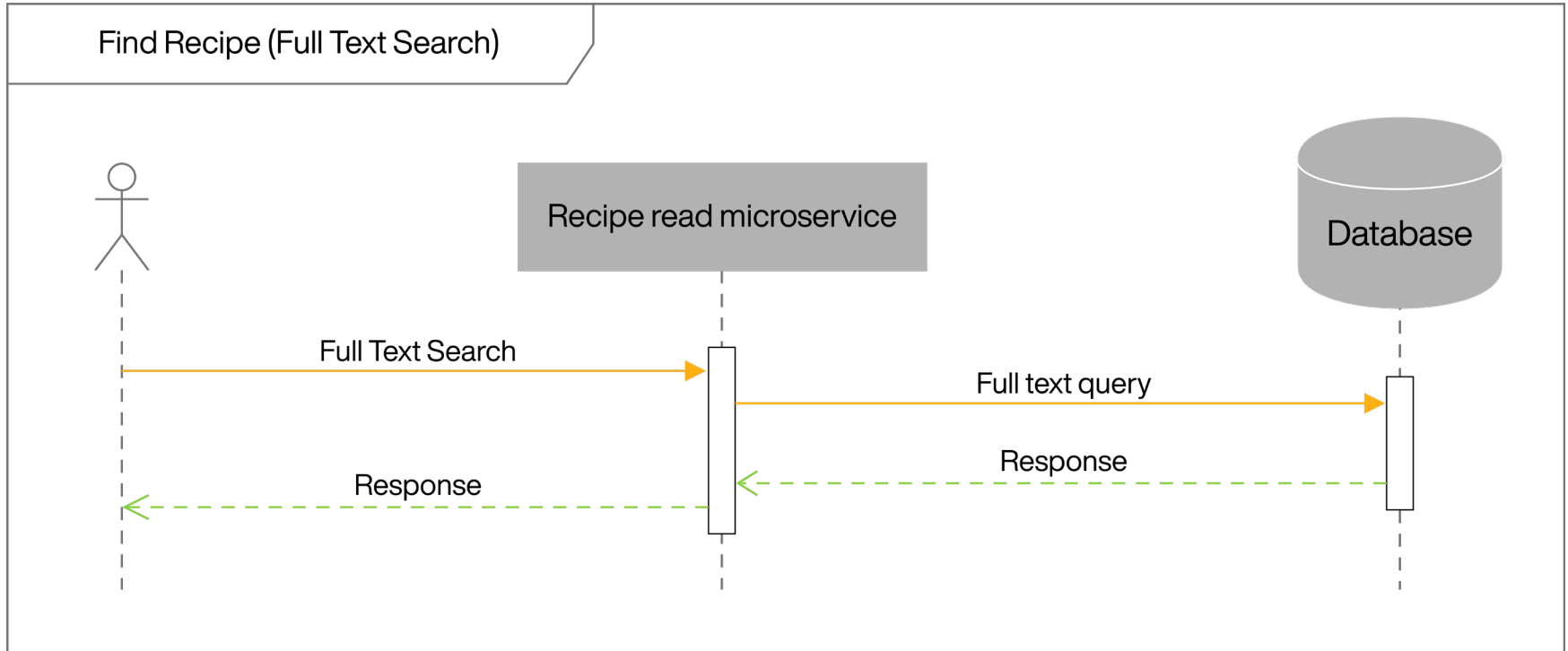
Project design diagrams: **Use case**



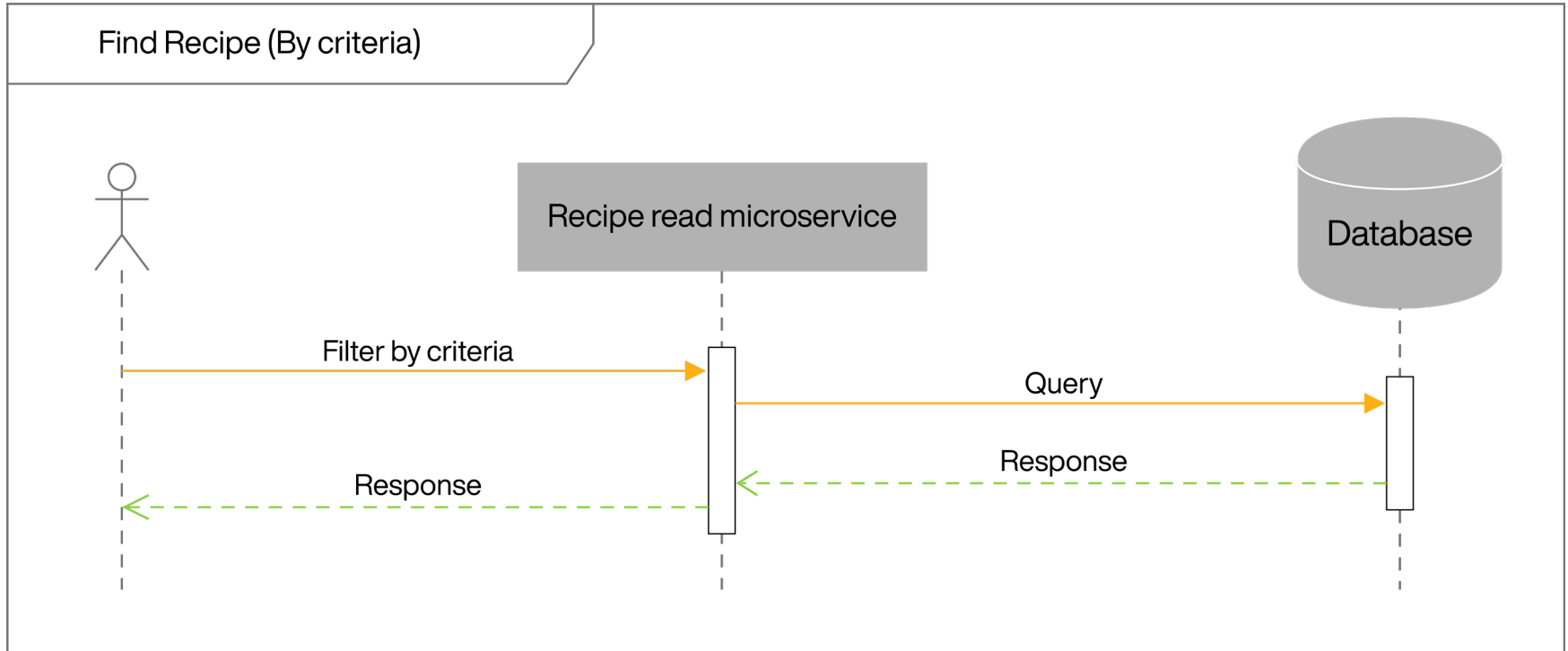
Project design diagrams: **Update Profile**



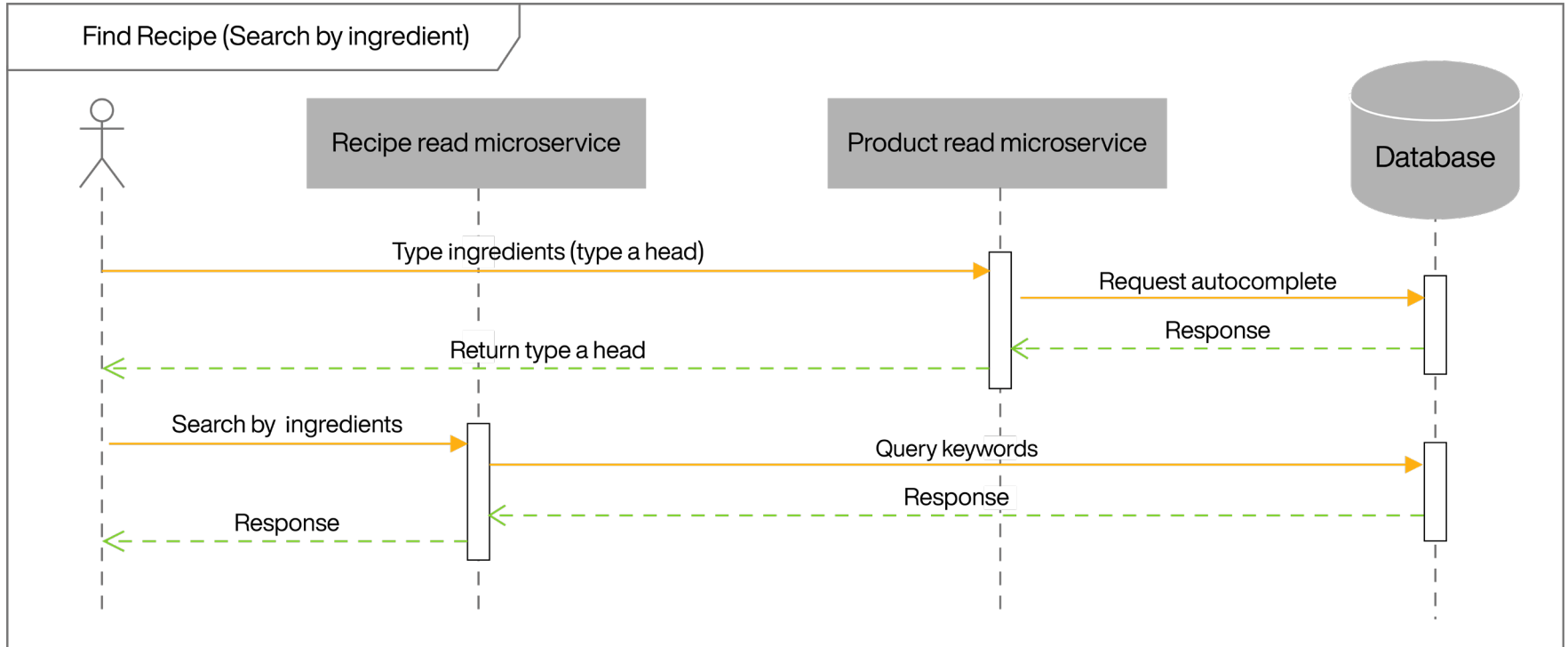
Project design diagrams: **Find Recipe (Full Text)**



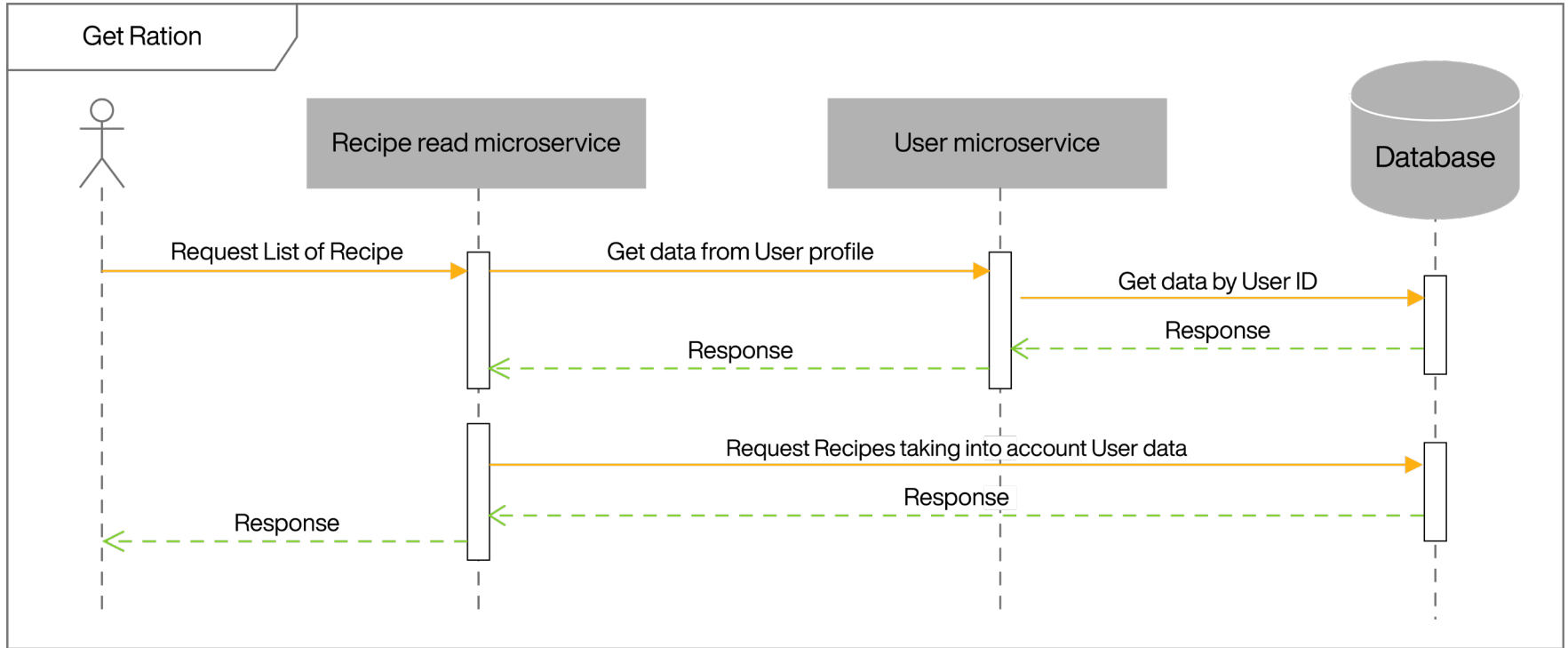
Project design diagrams: **Find Recipe (By criteria)**



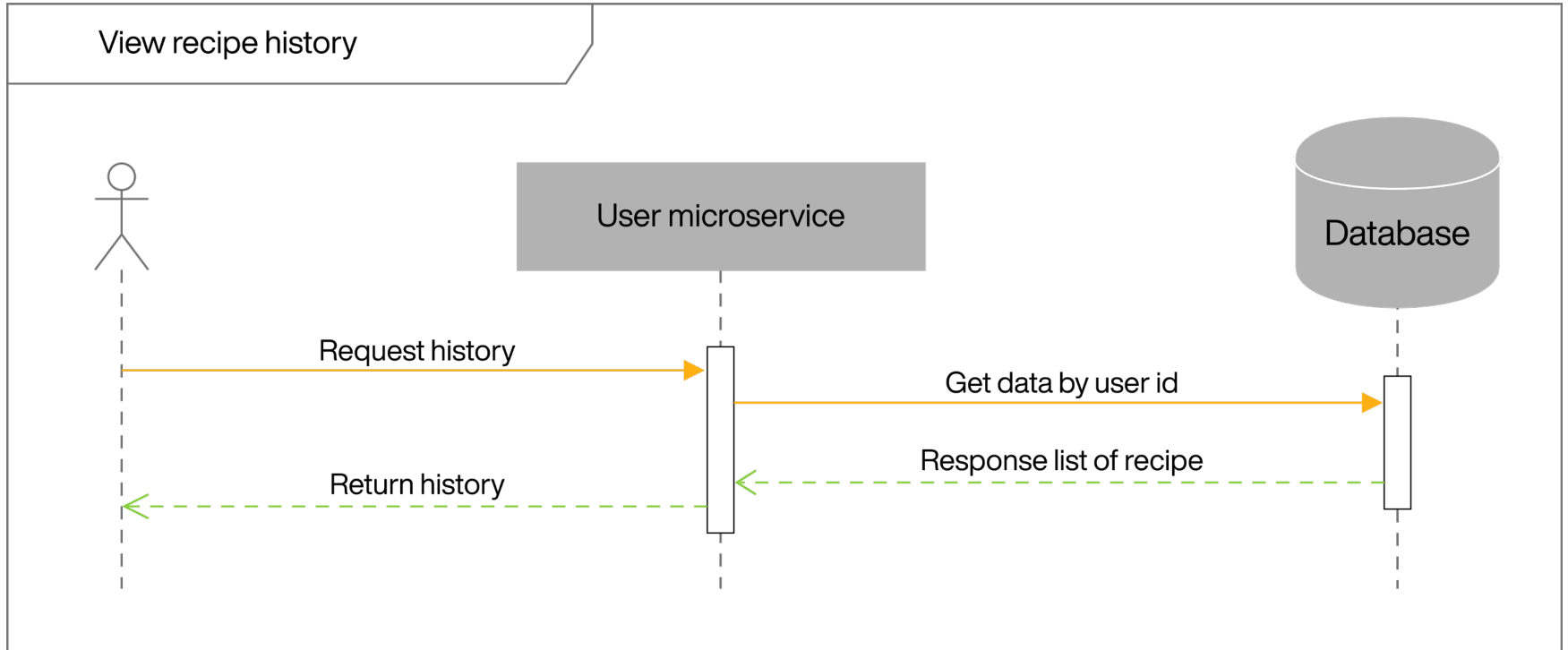
Project design diagrams: **Find Recipe (By product)**



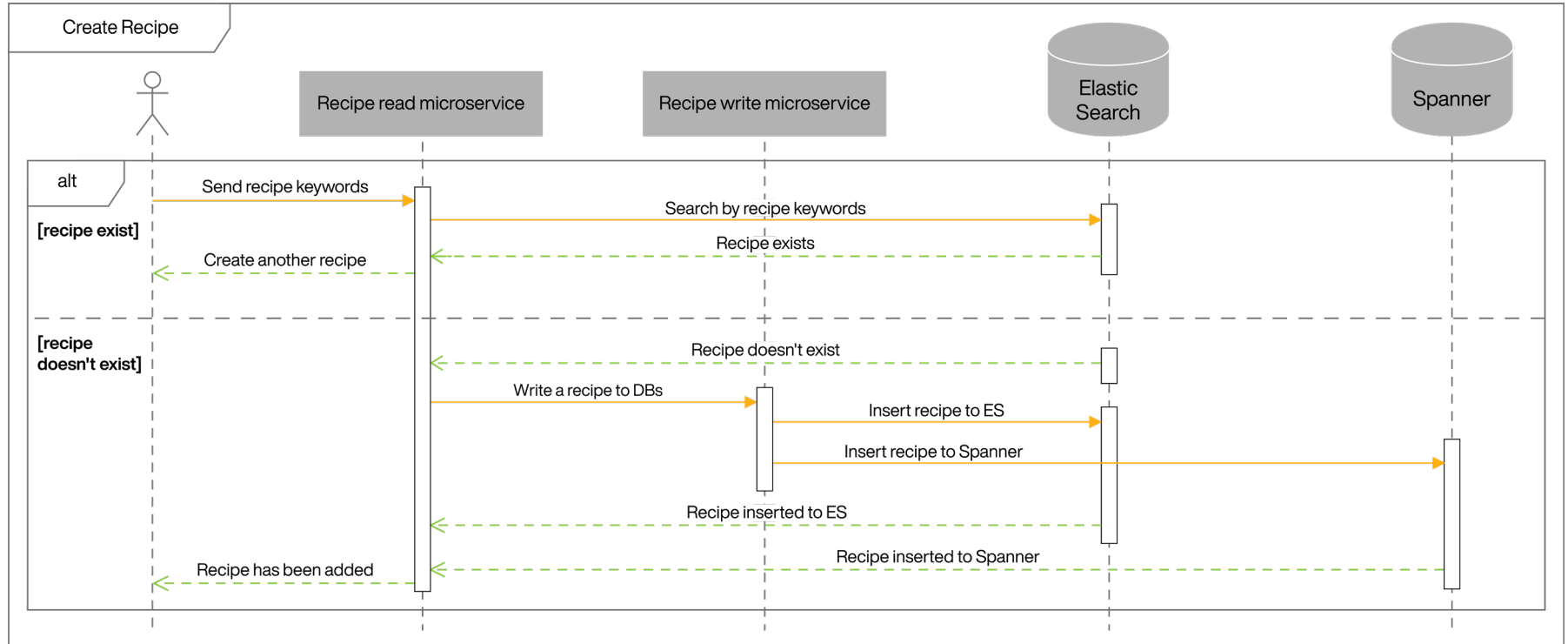
Project design diagrams: **Get Ration**



Project design diagrams: **View recipe history**



Project design diagrams: **Create recipe**





**Thank you
for your
attention!**



Questions?