deti

IES - Presentation

FoodFlow

P2 Group 203:
João Viegas - 113144
Jorge Domingues - 113278
Guilherme Santos - 113893
João Monteiro - 114547

Our Team

João Monteiro
Team Manager

Jorge Domingues
Product Owner

João Viegas
Architect

Guilherme Santos
DevOps Master

Introduction

- **Motivation**:

    - Knowing right away if a restaurant is viable, with no dislocations.

    - Managing and tracking information about a restaurant.

    - No popular applications that offer all this opportunities in a unique place.

- With **FoodFlow**:

    - Nearby restaurants
    - Current order flow for a restaurant
    - Request managerial access
    - Most ordered menus
    - Control system access, as a system administrator

Personas

Name: Carlos

Job: Student

Age: 19 years old

Motivation: Carlos would like an easy solution to help him understand if he has enough time to go to a certain restaurant.

Name: Alberto

Job: Lawyer and Restaurant Owner

Age: 40 years old

Motivation: Alberto wants to understand the habits of the public, optimize the response time and improve the financial results, all while he keeps his work as a lawyer.

Personas

Name: Júlio

Job: Civil Engineer

Age: 27 years old

Motivation: He wants to be sure that he tries the most popular menu, fulfilling his experience in a new restaurant

Name: Ana

Job: System Administrator

Age: 45 years old

Motivation: She wants to ensure that only qualified managers have access to the app. Ana's focus is on safeguarding restaurant data while making the system easy to use for managers.

User Stories

- **View the most trending chains at the moment.**

- **Check the top six menus regarding all chains.**

- **See menu statistics displayed as percentages or totals, to easily compare the popularity of different items.**

- **View menu statistics by a specific chain or restaurant, to focus on the popularity of items.**

User Stories

- **See on a map my location and locations of restaurants of a food chain, to choose the closest one.**
- **Track the orders progress in real-time, to know whether it's in the "to-do," "preparing," or "done" stage.**

User Stories

- **Gain manager authorization within the application, through a form where I can also register my restaurant.**

- **View how many orders are in each stage of fulfillment, so I can manage staff and resources more effectively during peak hours.**

- **See which menu items are the most popular in real-time, to adjust kitchen priorities and ingredient stock levels**

User Stories

- **Approve or decline new manager requests, to ensure that each manager has individual access to the system.**
- **See the declined forms, to possibly recover any form to pending or to deleted.**
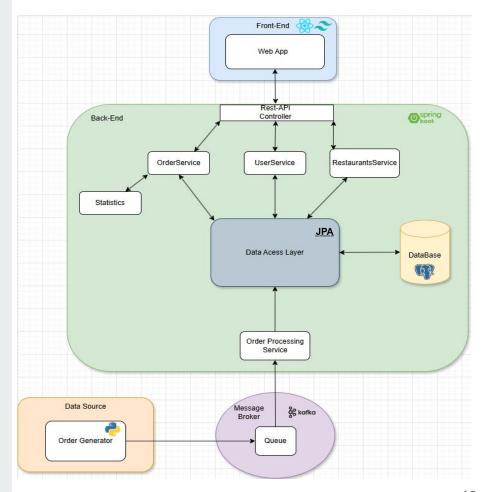- **Edit a manager's information.**
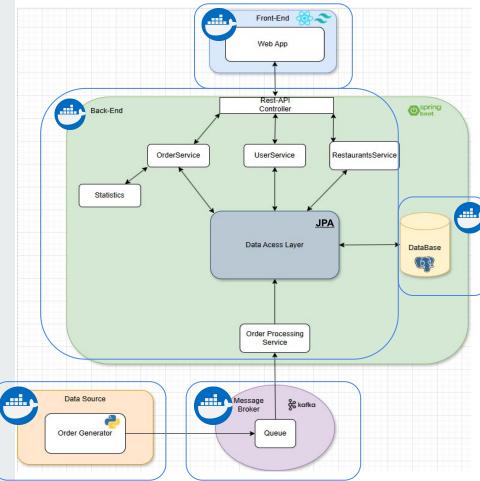
Architecture

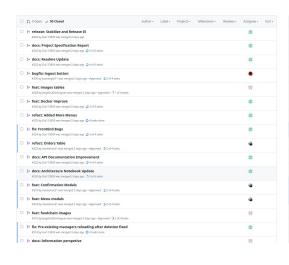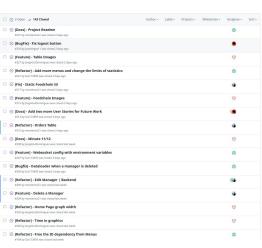- Front-End
- Back-End
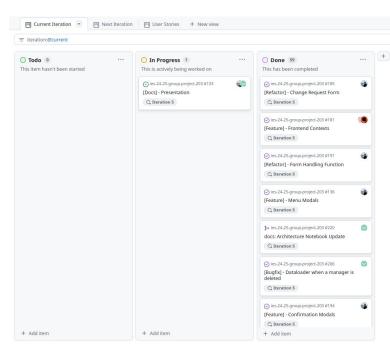- Database
- Message Broker
- Data Source

Containers
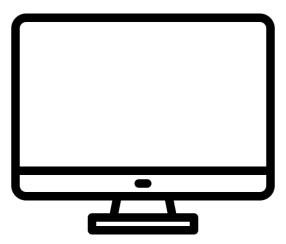
- Scalability

- Decoupling

- Maintenance

- Security

Backlog

Demo

(video)

Future Work

- **Give a rating to a menu in order to provide an opinion about it's quality to other users.**
- **Provide users the possibility to switch between different time scales in the statistics graphs to give different views of the most popular menus/food chains.**

deti

IES - Presentation

FoodFlow

Questions?

P2 Group 203:
João Viegas - 113144
Jorge Domingues - 113278
Guilherme Santos - 113893
João Monteiro - 114547