

# Pizza restaurant

Kerrit Hadile Mochet Hugo Heni Beya

## Overview

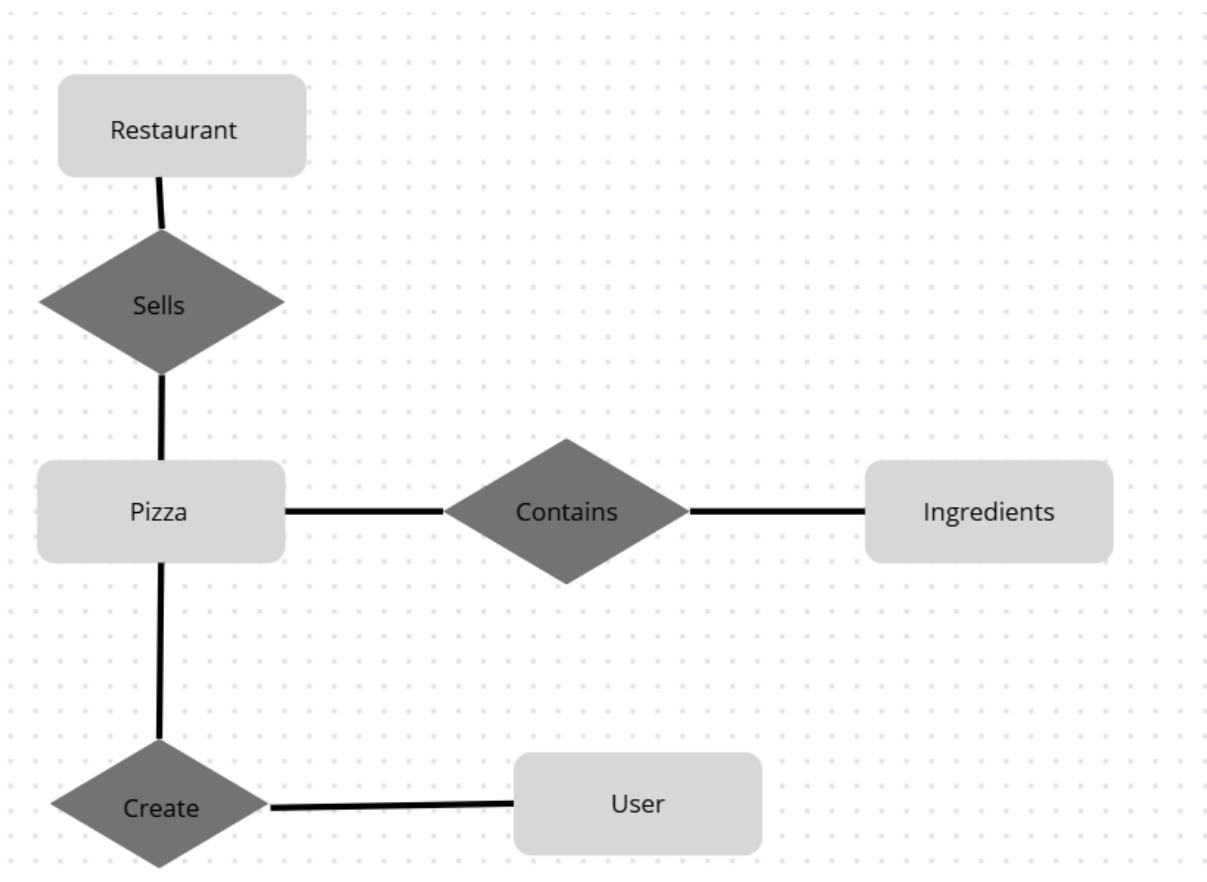
Our website offers a unique experience for pizza lovers! You can search for pizzas by flavor or ingredient, and see where they're served at nearby restaurants. You can suggest new pizza creations, add pizzas and restaurants information about each restaurant where your favorite slices are available. Plus, our search feature lets you quickly find any pizza you're craving.

Dive into the world of pizzas with us and enjoy a seamless, interactive way to enhance your dining and tasting adventures!

# SUMMARY

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# Database Structure



## Relevant Resources

Ingredients : Components of each pizza

Restaurant : Establishment where clients can make their pizza

User: People who can create their own pizza

Pizza : Represents differents pizza made by clients

# KEY RELATIONSHIP

"Contains" tracks which ingredient are required for each pizza.

"Sells" links pizzas to restaurants that sells them.

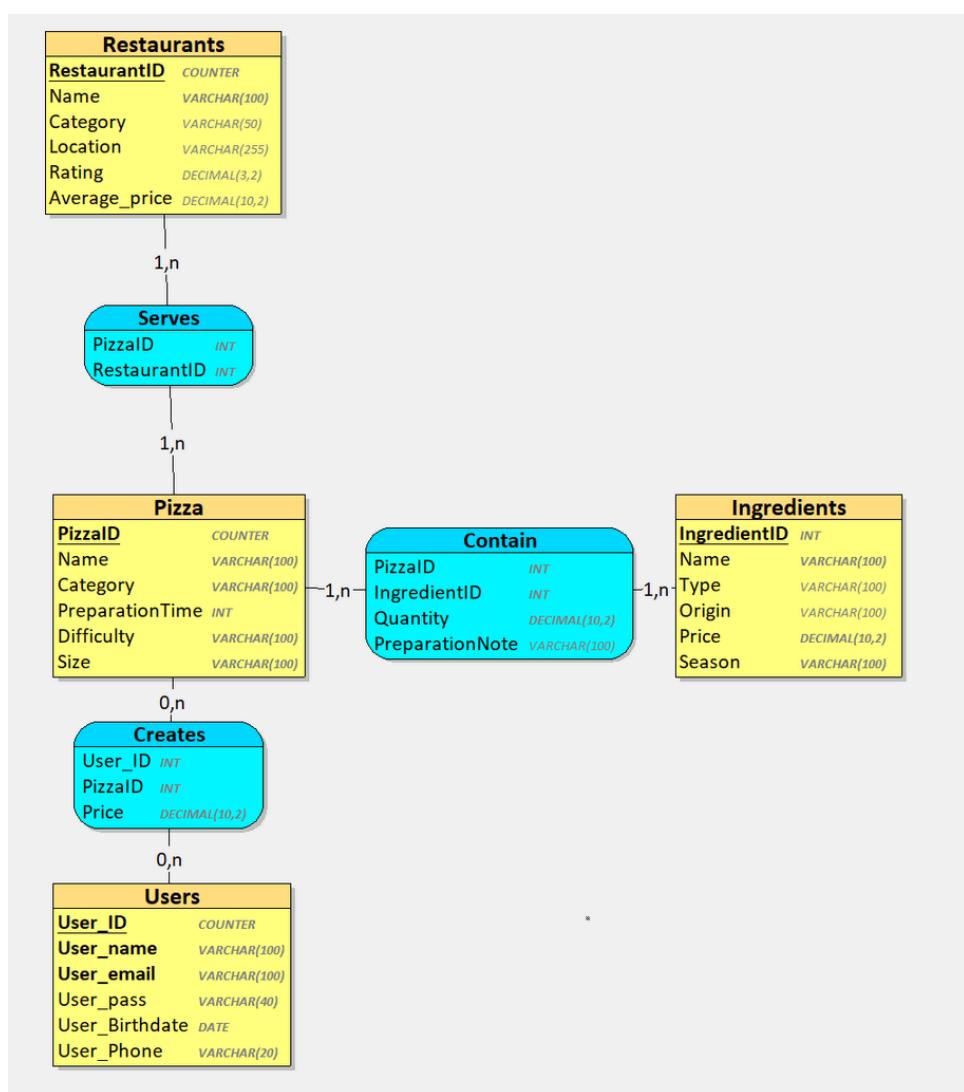
"Create" represents the connection between users and the pizzas they prepare

# TABLE STRUCTURE DIAGRAM

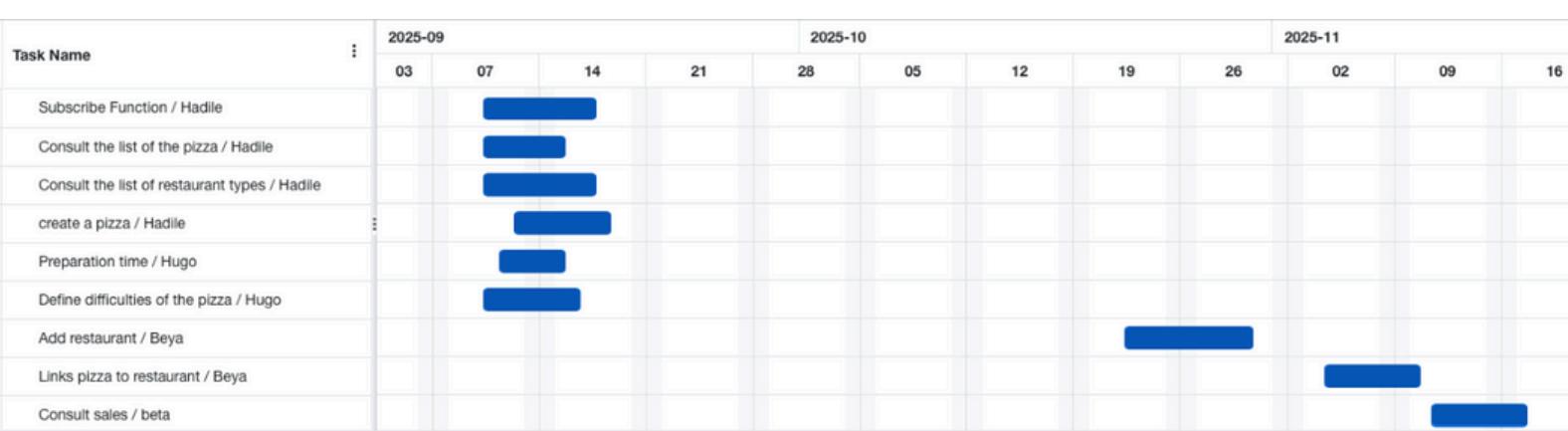
- **Pizza:** Stores details about each pizza including its name, category, preparation time and difficulty.
- **Ingredient :** Keeps information about each ingredient, such as type, origin and price.
- **User :** Captures user data, including login credentials and profile details.
- **Restaurant :** Contains information about restaurants, such as location, categorie, and rating.

- **Contains :** Links Pizzas and Ingredients with their quantity. The client can delete an ingredient if he wants.
- **Sells :** It shows which restaurant serves which kind of pizza.

# OUR TABLES

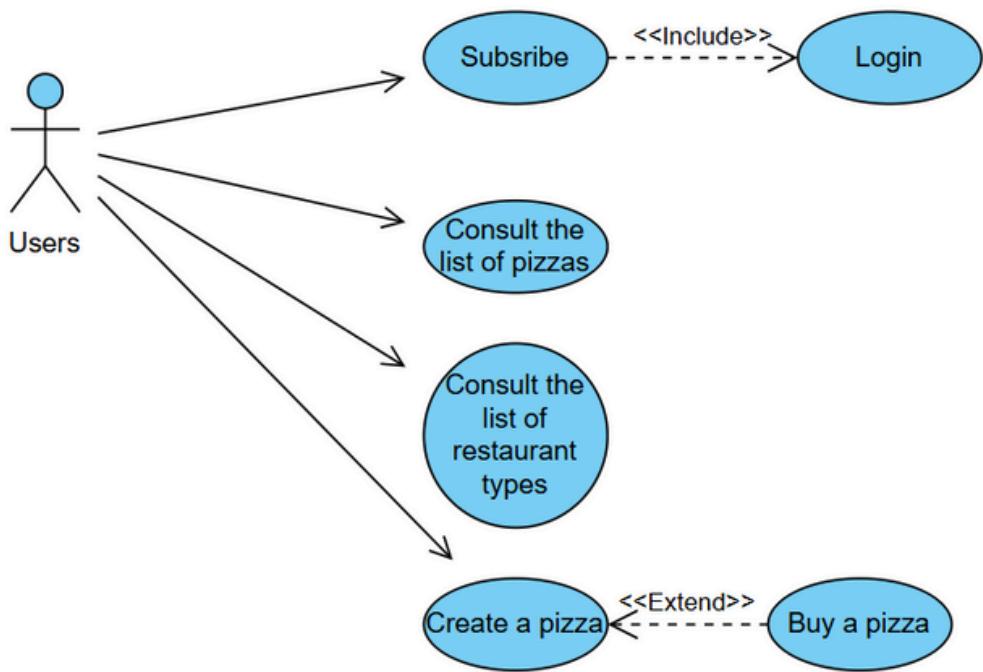


# FIRST GANTT DIAGRAM



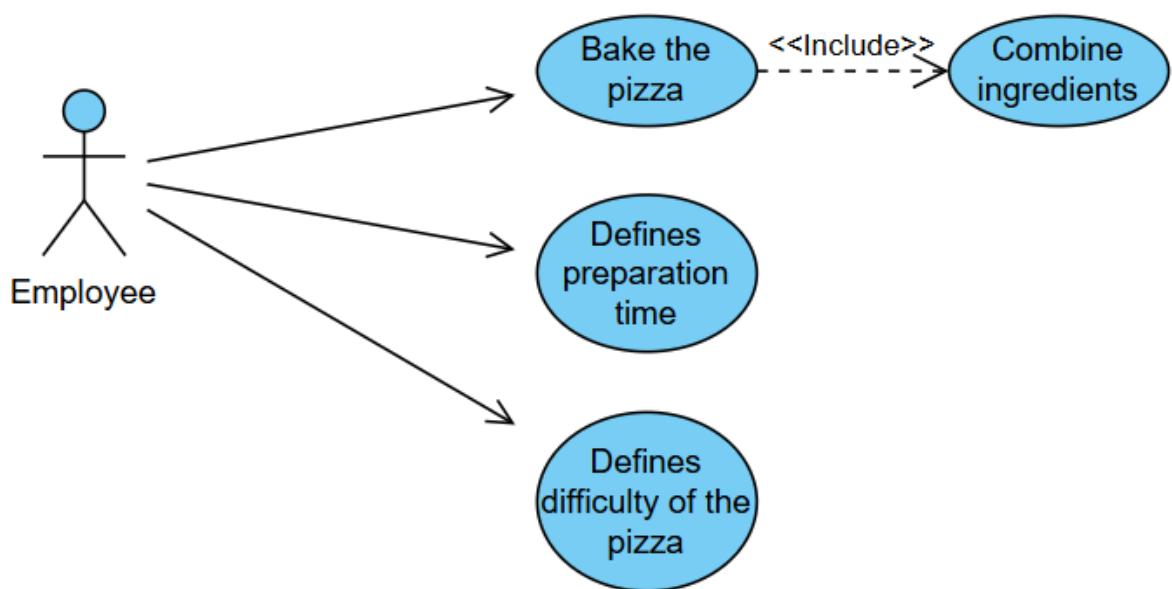
# USE CASE DIAGRAM

HADILE



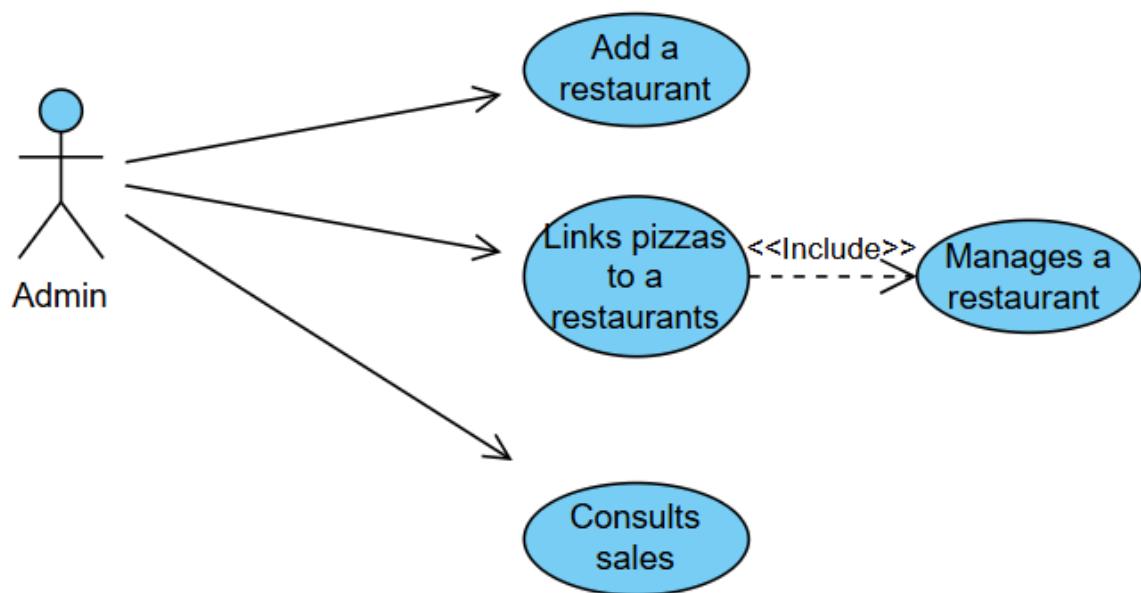
# USE CASE DIAGRAM

HUGO



# USE CASE DIAGRAM

BEYA



# WIREFRAME DIAGRAM

## HADILE

**Client - Create Pizza**

Logo Search pizzas... Menu My Pizzas Favorites Profile v

1 Info 2 Base & Size 3 Toppings 4 Restaurant 5 Review

**Pizza Info**

Pizza name  
Ex: Super Veggie JP

Short description  
Describe your pizza idea...

Upload photo  
Choose file Preview

Visibility  
 Public  Private

**Base & Size**

Crust  
 Thin  Classic  Thick

Size  
 Small  Medium  Large

Sauce  
 Tomato  Cream  Pesto

**Toppings**

+ Add topping

- Mozzarella x2
- Mushrooms x1
- Arugula x1

Back Next: Base & Size →

**Live preview**

Pizza image

**Super Veggie JP**

Base: Thin • Tomato  
Mozzarella x2 • Mushrooms • Arugula

Restaurant: Not selected yet  
Estimated price: €12.50

# WIREFRAME DIAGRAM

## HUGO

### Restaurant – Customer Pizzas

Resto Orders Menu **Customer pizzas** Analytics Account

#### Pending proposals

Pizza	Customer	Status
Super Veggie JP	JP	Pending
Mozzarella • Mushrooms • Arugula		
BBQ Supreme	Alice	Pending
Chicken • Onions • BBQ sauce		
4 Cheese Bomb	Romain	Accepted
Mozzarella • Gorgonzola...		

#### Proposal details

**Super Veggie JP**  
Customer: JP  
Suggested price: €12.50  
Status: Pending

Pizza Image

Ingredients

- Mozzarella x2
- Mushrooms x1
- Arugula x1

Internal notes

Ex: Good veggie option for summer menu...

Reject Edit Accept

# WIREFRAME DIAGRAM

BEYA

**Admin – Order Management**

Dashboard   Users   Restaurants   Pizzas   **Orders**   Reports   Profile

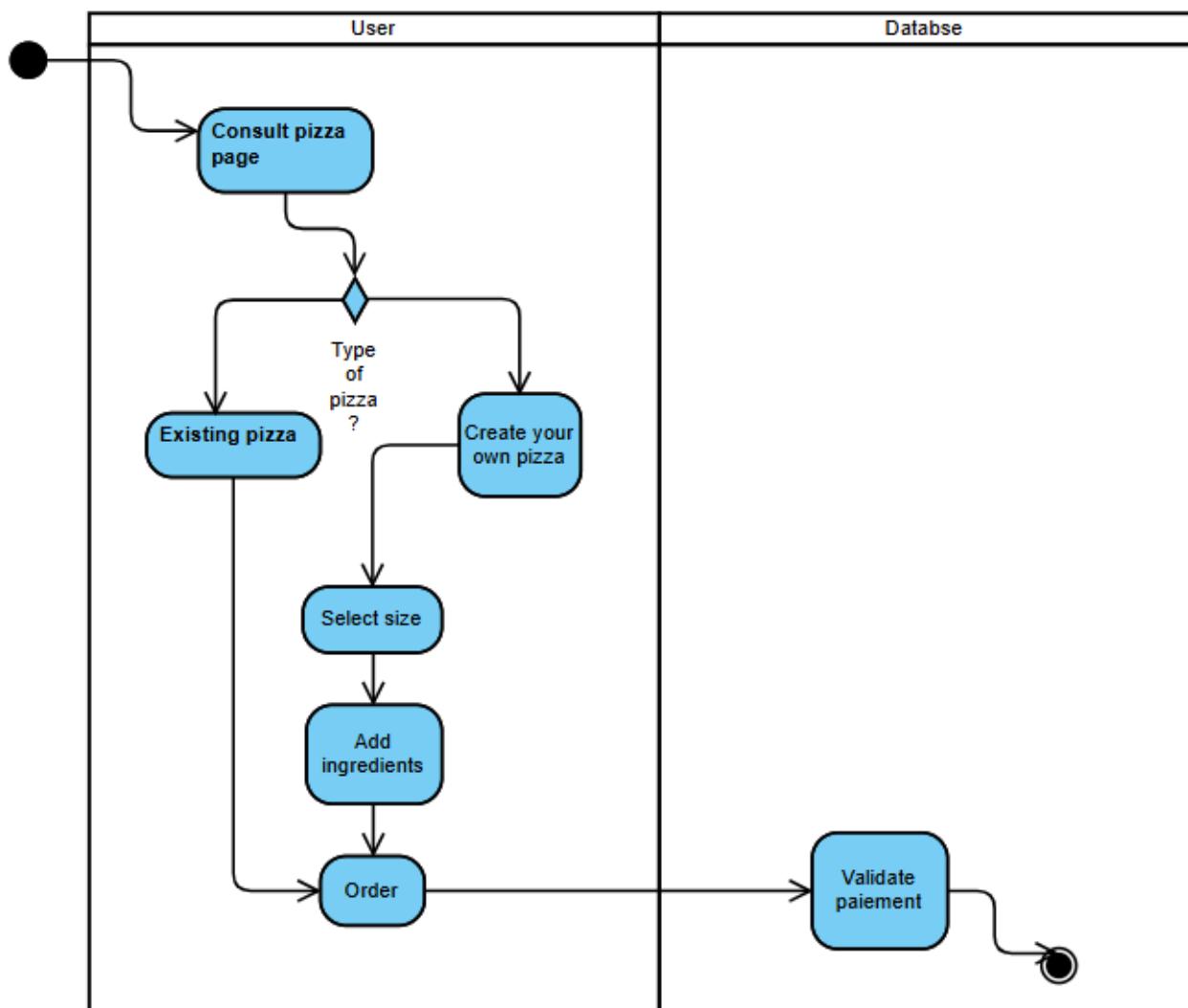
**Orders List**

Order ID	Customer	Restaurant	Total	Status	Created at
#1024	Jean Paul	Da Mario	€18.90	Delivered	2025-01-12
#1023	Alice	Bella Pizza	€14.50	Pending	2025-01-12
#1022	Romain	Tony's	€22.10	Canceled	2025-01-11

Load more

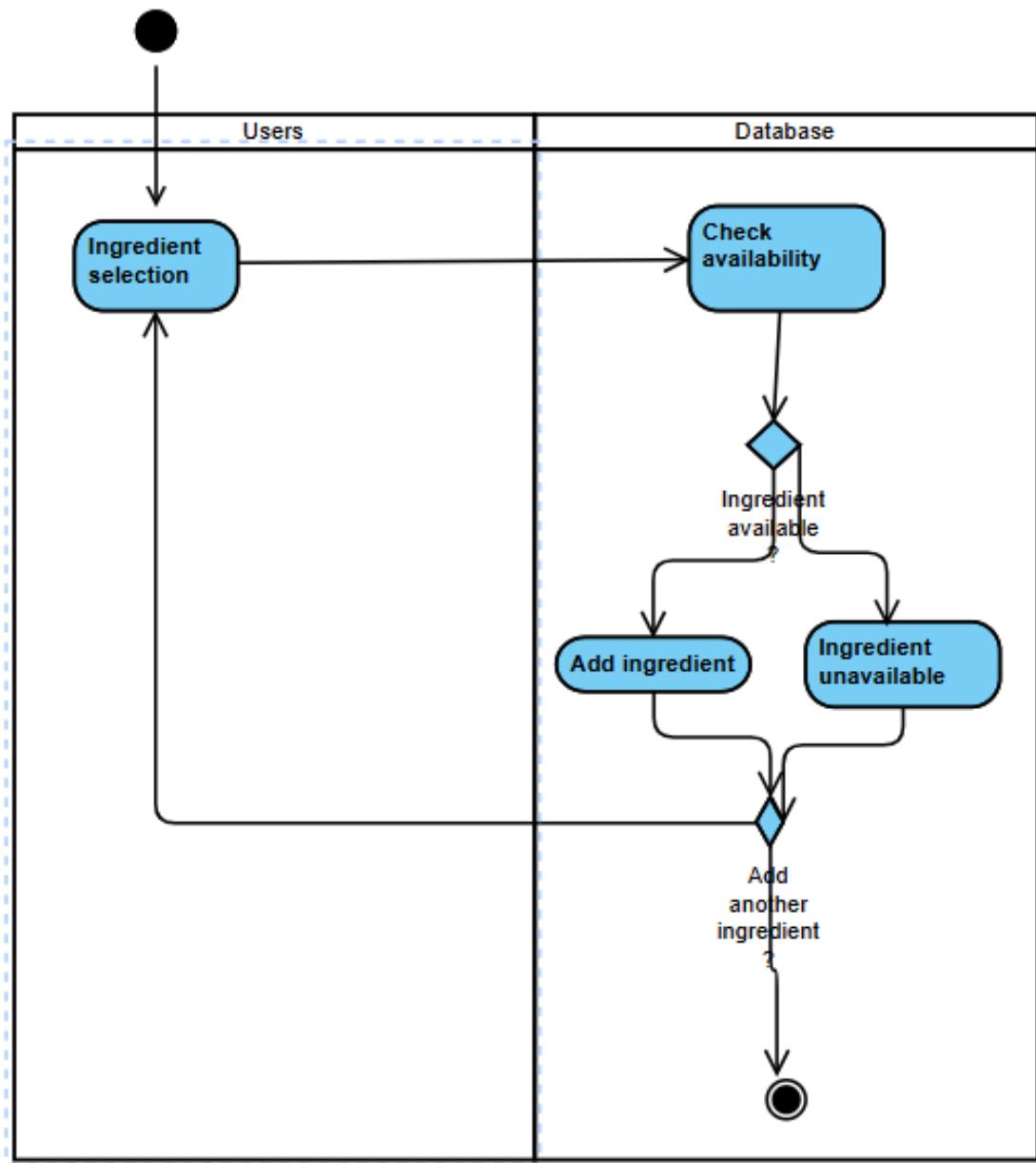
# ACTIVITY DIAGRAM

HADILE



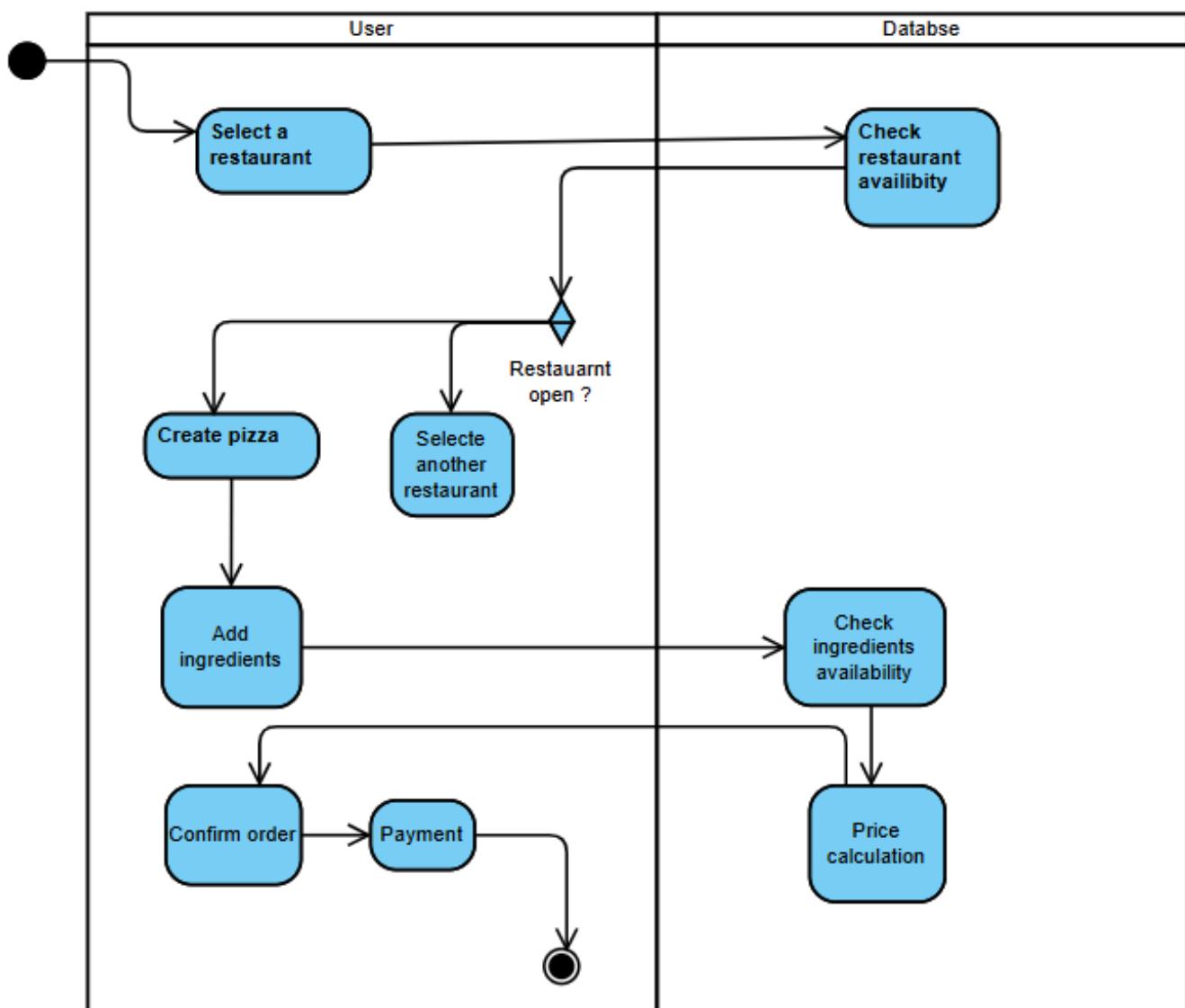
# ACTIVITY DIAGRAM

HUGO



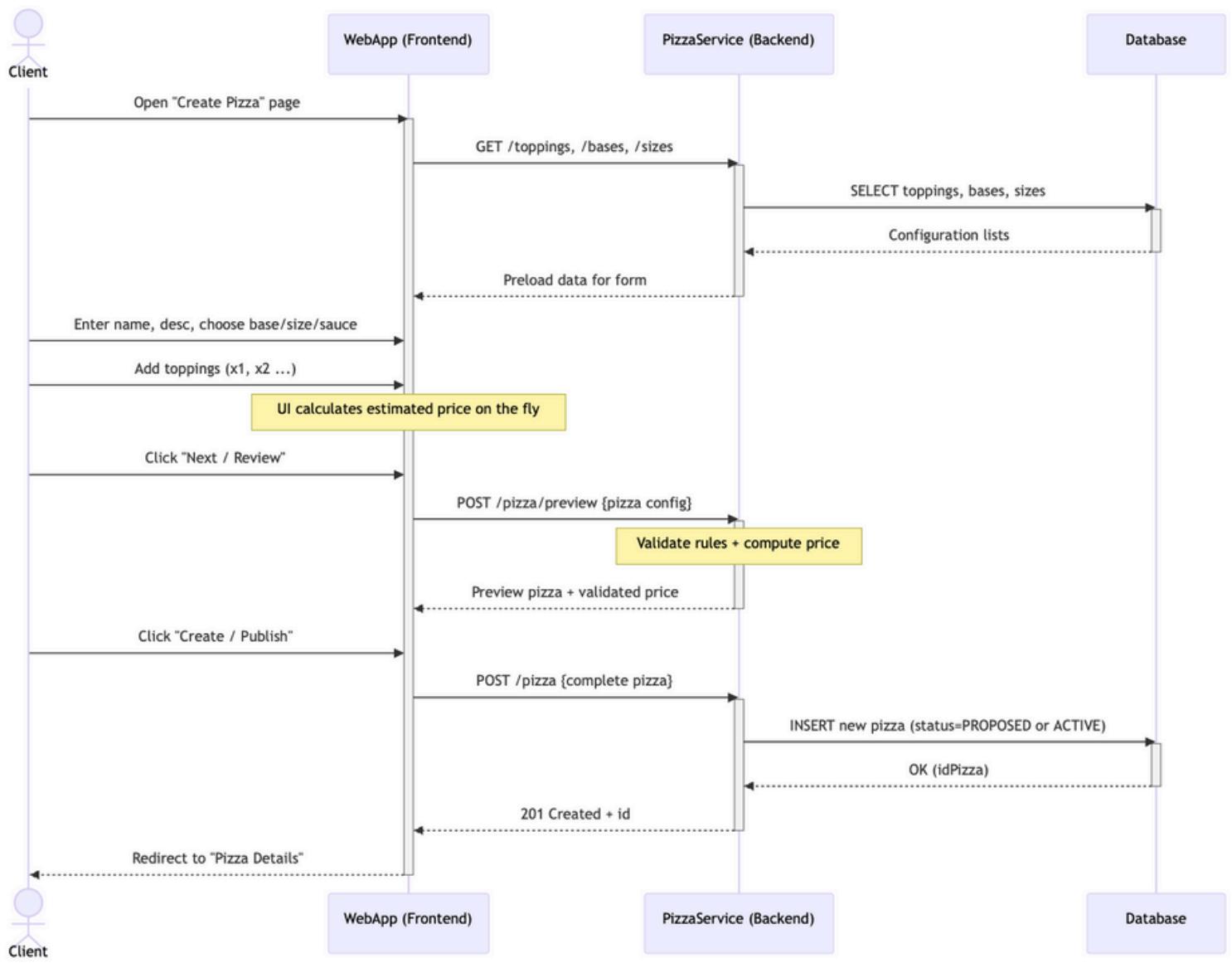
# ACTIVITY DIAGRAM

BEYA



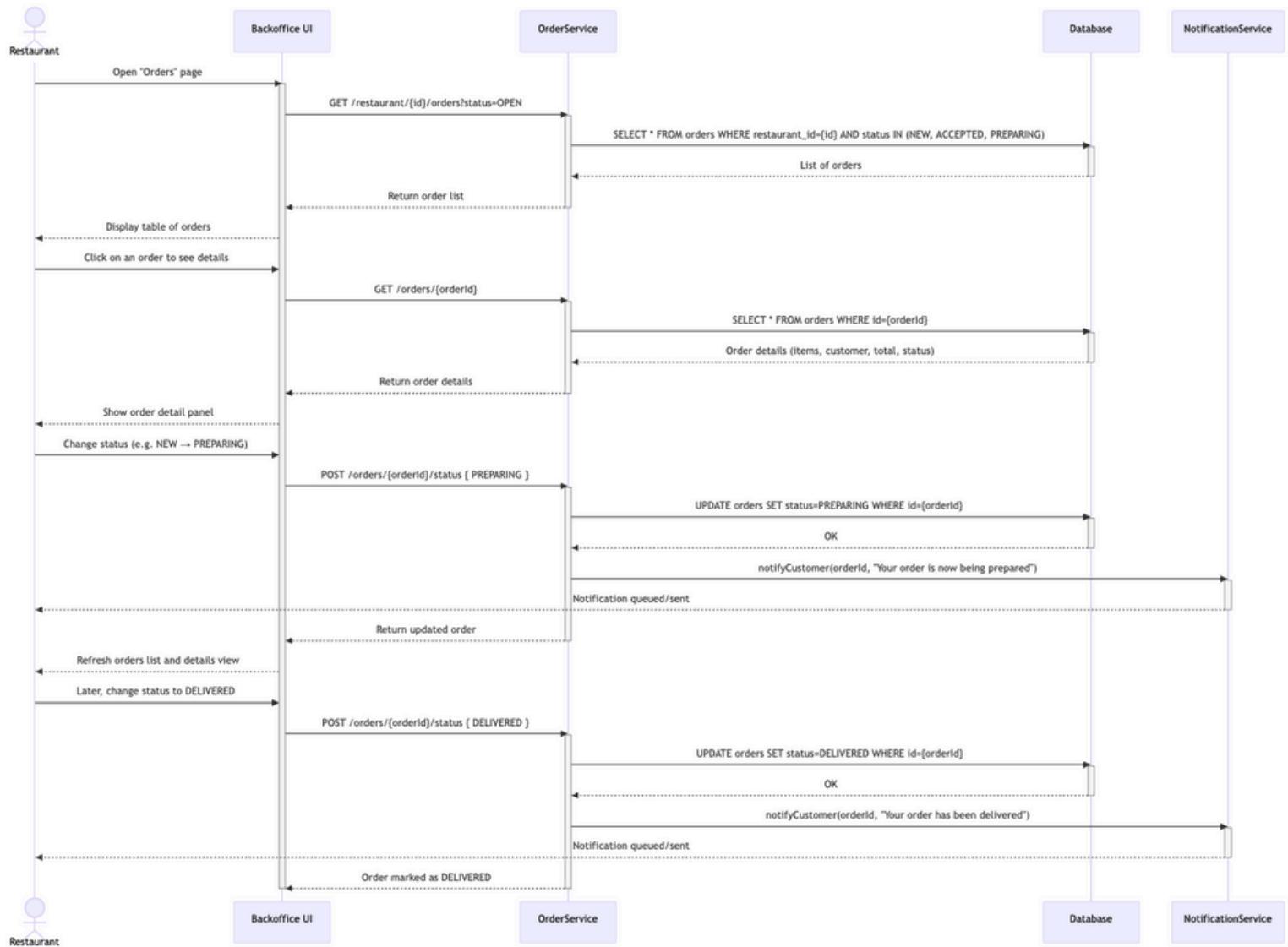
# SEQUENCE DIAGRAM

## HADILE



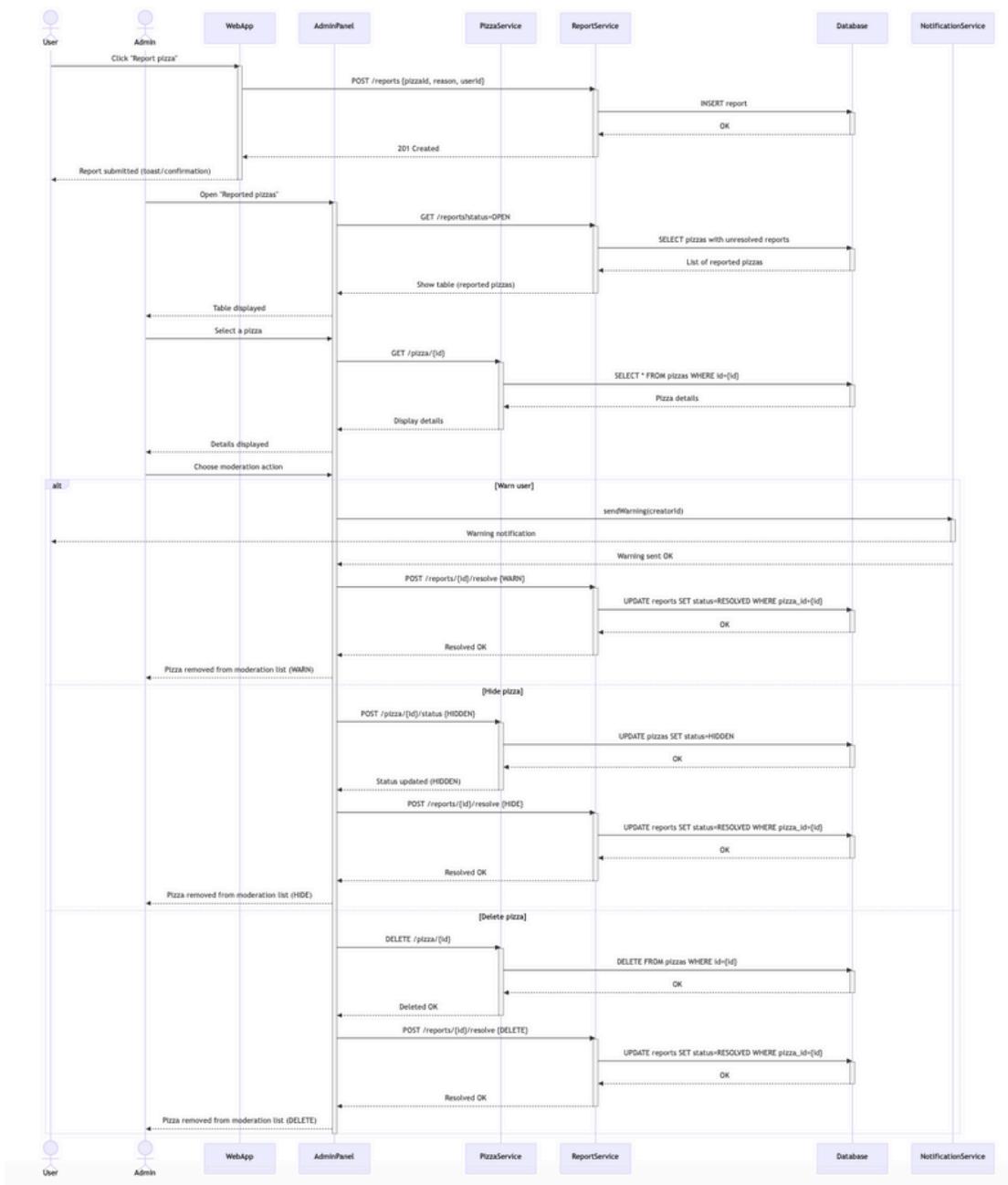
# SEQUENCE DIAGRAM

BEYA



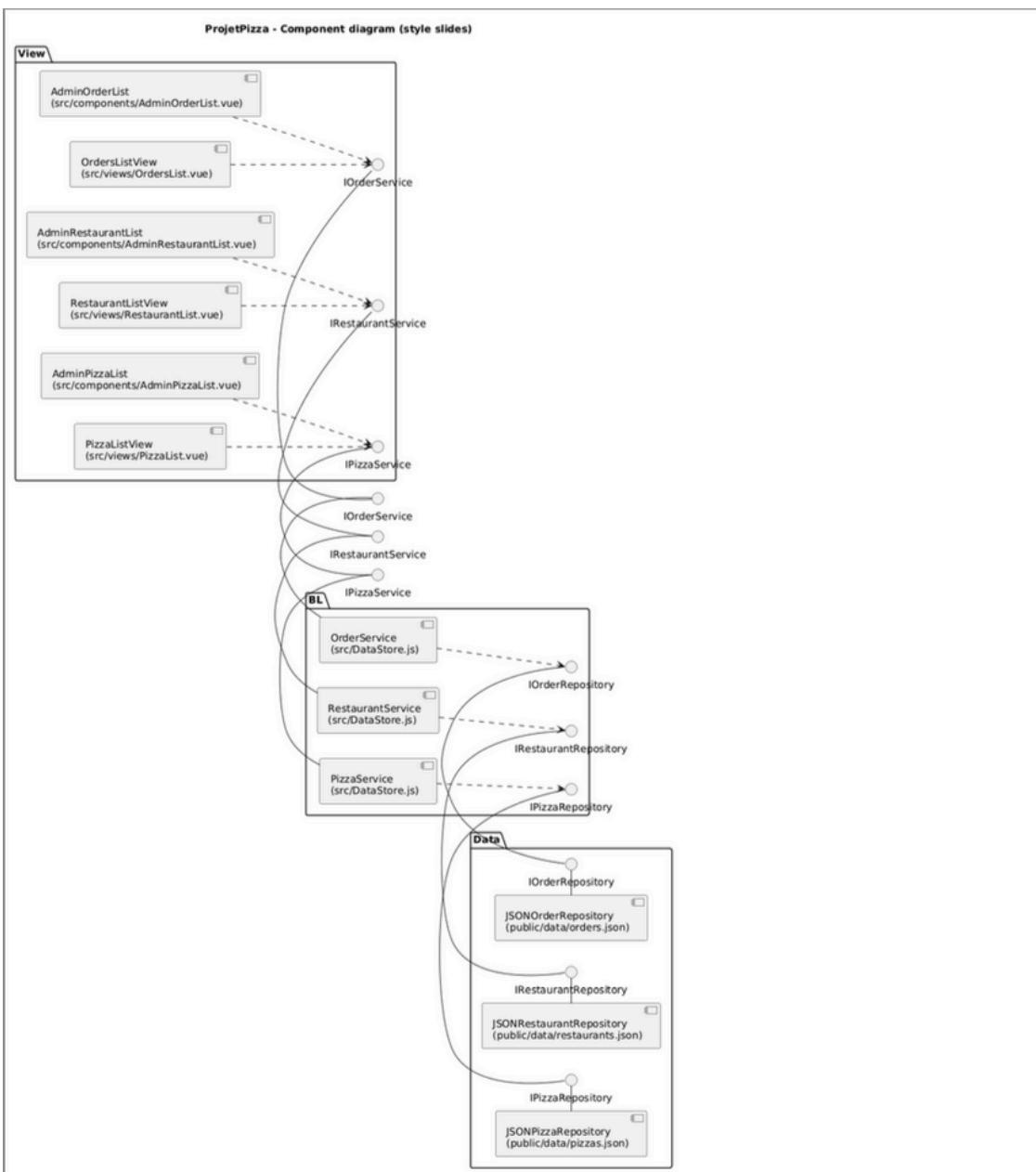
# SEQUENCE DIAGRAM

HUGO



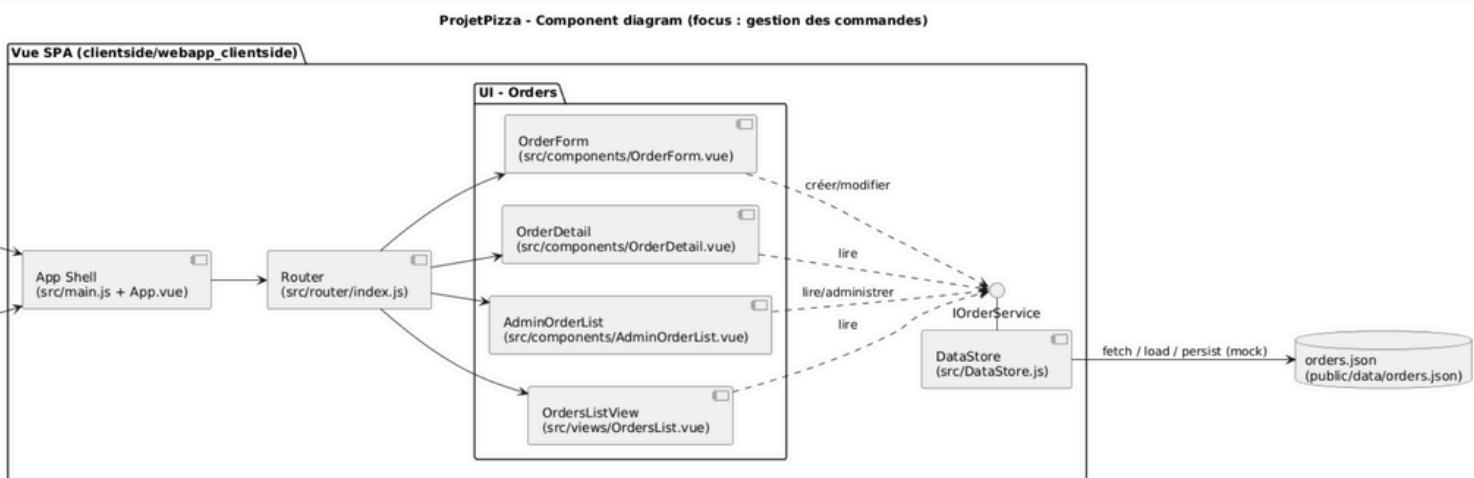
# COMPONENT DIAGRAM

BEYA



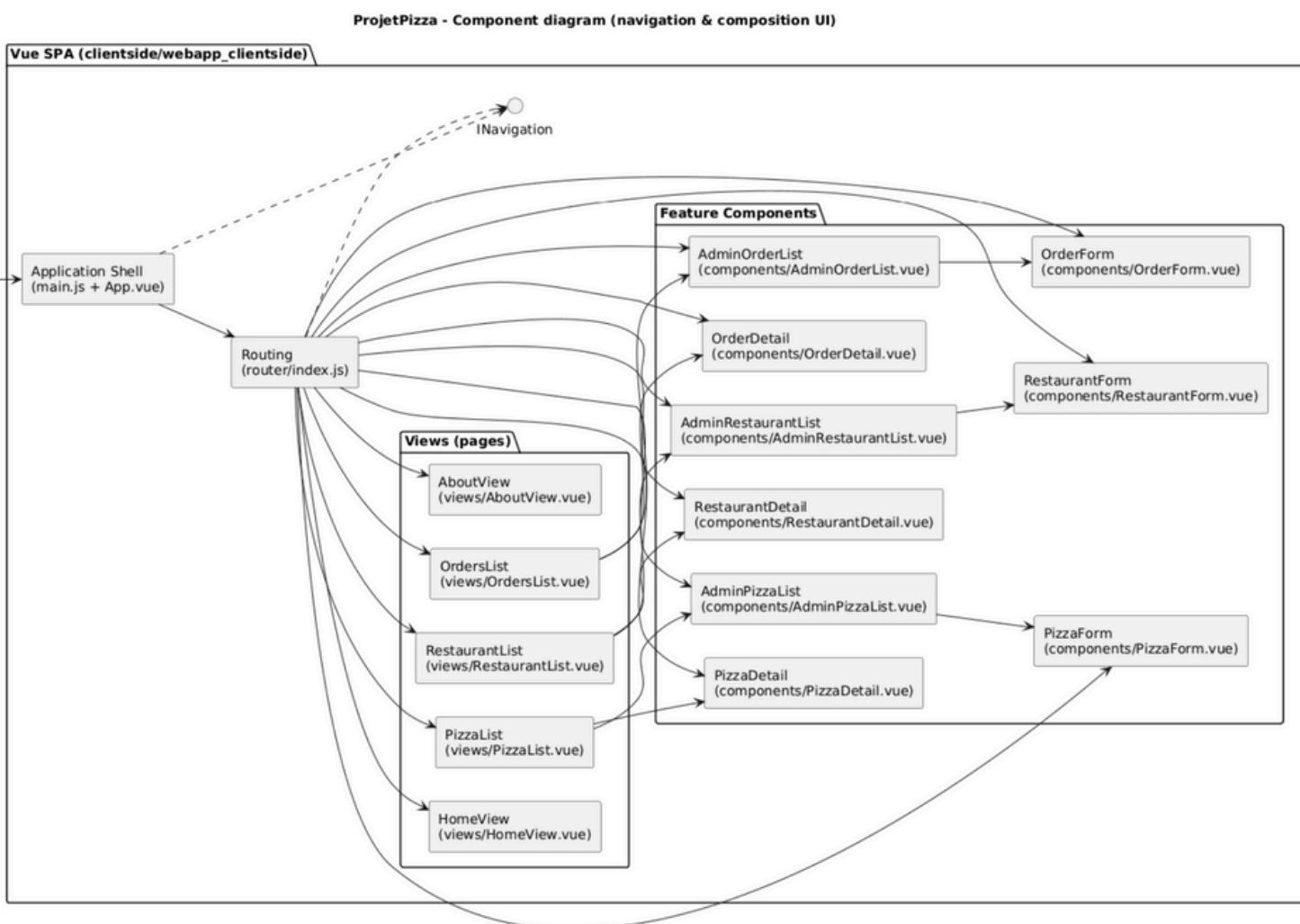
# COMPONENT DIAGRAM

## HADILE

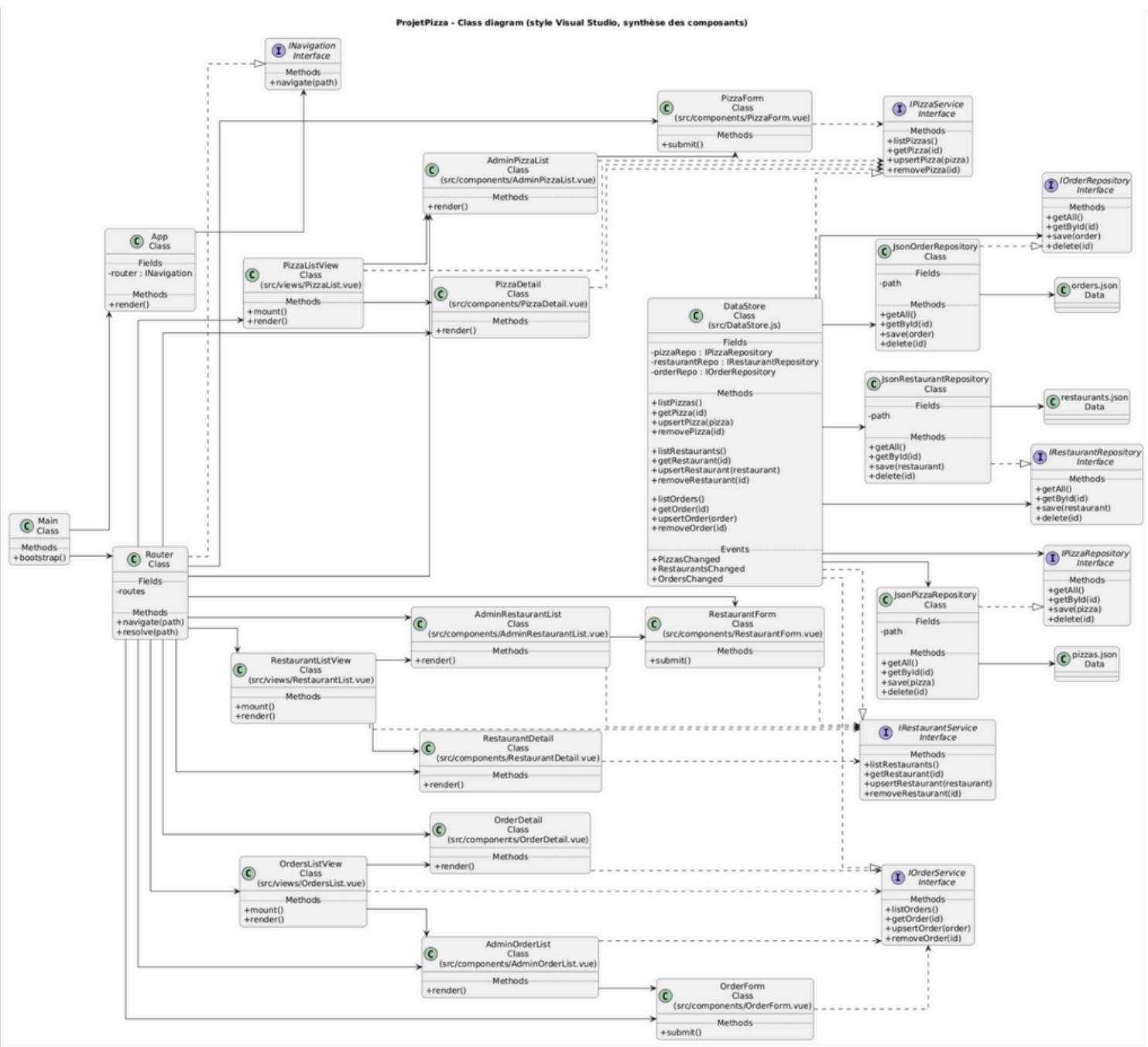


# COMPONENT DIAGRAM

HUGO



# CLASS DIAGRAM



# FINAL GANTT DIAGRAM

