Pizza restaurant

Kerrit Hadile Mochet Hugo Heni Beya

Overview

Our website offers a unique experience for pizza lovers! ey’re served at nearby restaurants. You can suggest new pizza creations, add pizzas and restd 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!

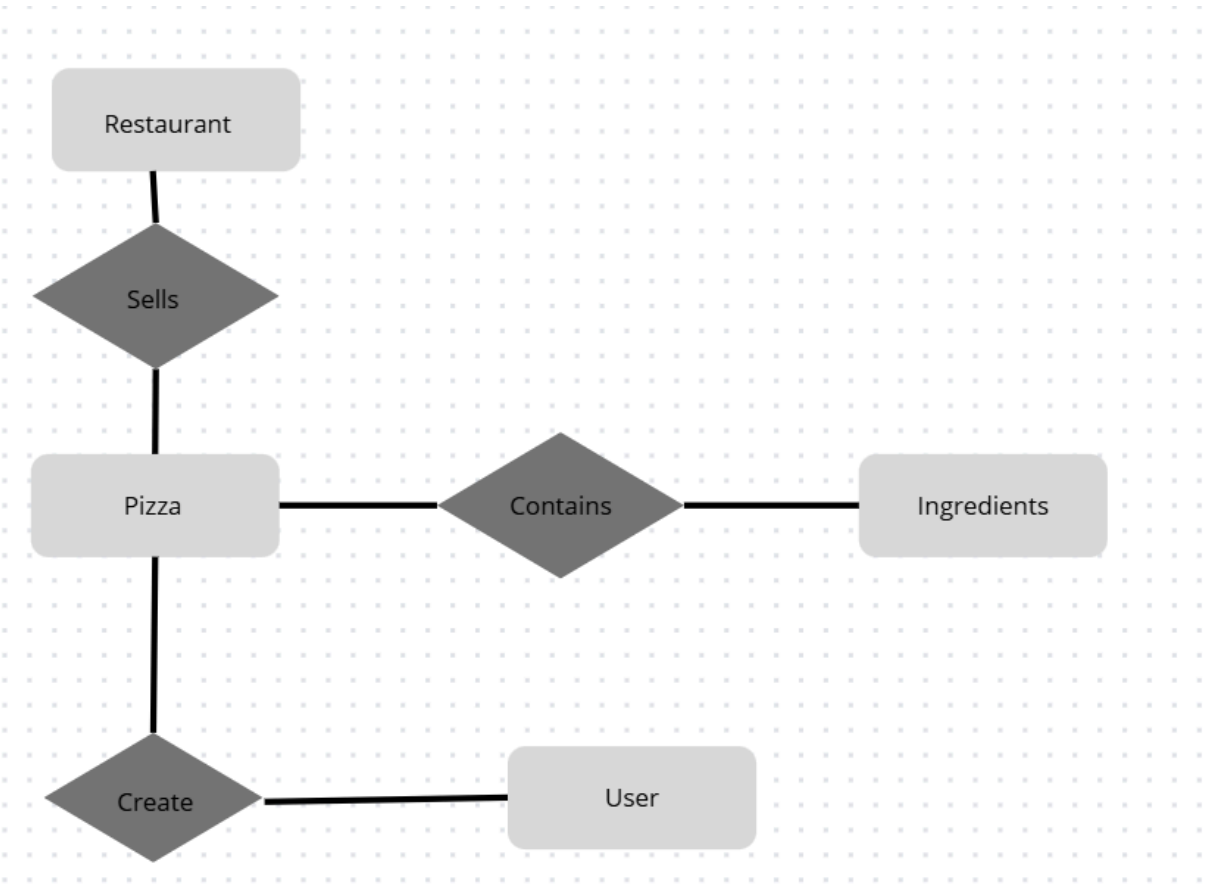
Summary

Date	Sep 5, 2025
01	Database structure
02	Key relationships
03	Table structure diagram
04	SQL
05	Use case Diagrams
06	Wireframe Diagrams
07	Activity Diagrams
08	Sequence Diagrams

SUMMARY

Date	Sep 1, 2025
01	Database Structure
02	Key Relashionships
03	Table Structure Diagram
04	SQL
05	First Gantt Diagram
06	Use Case Diagrams
07	Wireframe Diagrams
08	Activity Diagrams
09	Sequence Diagrams
10	Component Diagrams
11	Class Diagram
12	Final Gantt Diagram

Database Structure



Relevant Resources
Ingredients : Components of each pizza
Restaurant : Etablishement 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.

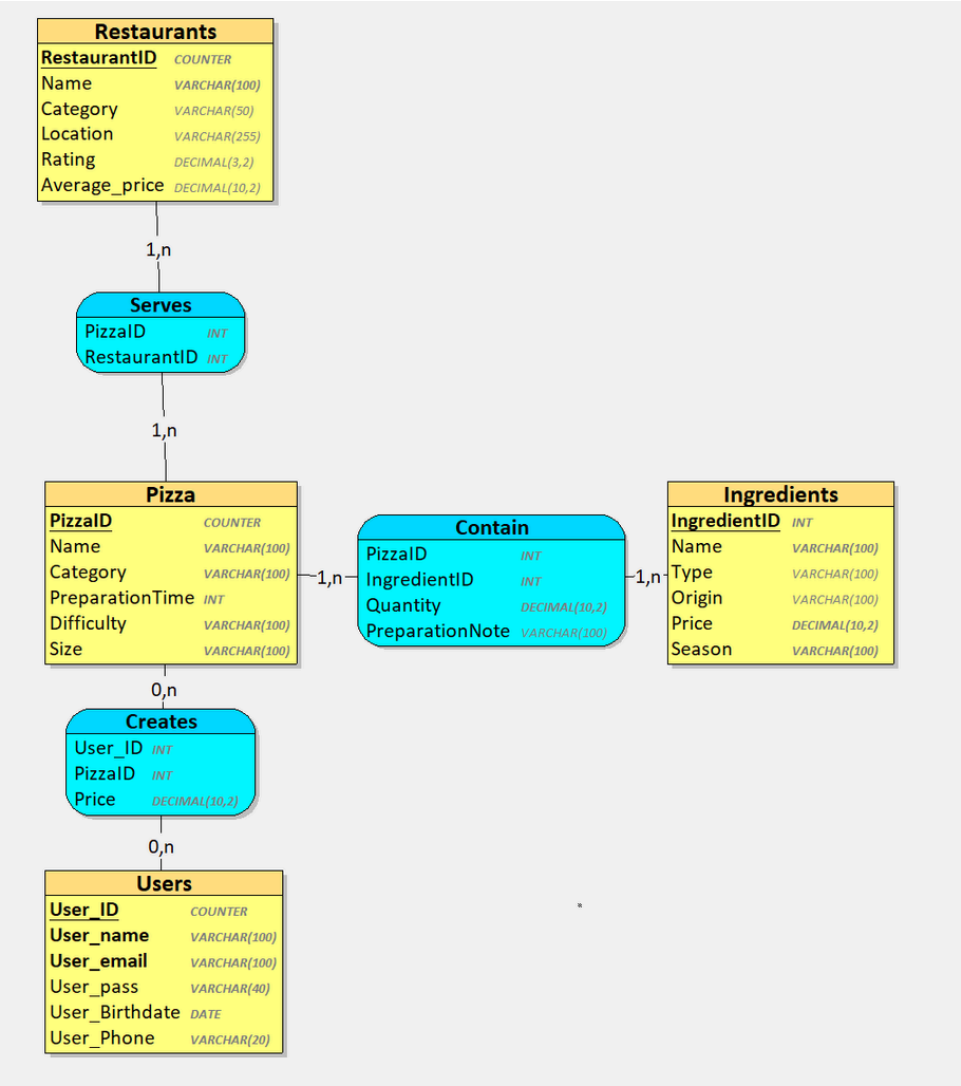
"Create" represents the connection between users and the pizzas they prepare

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.

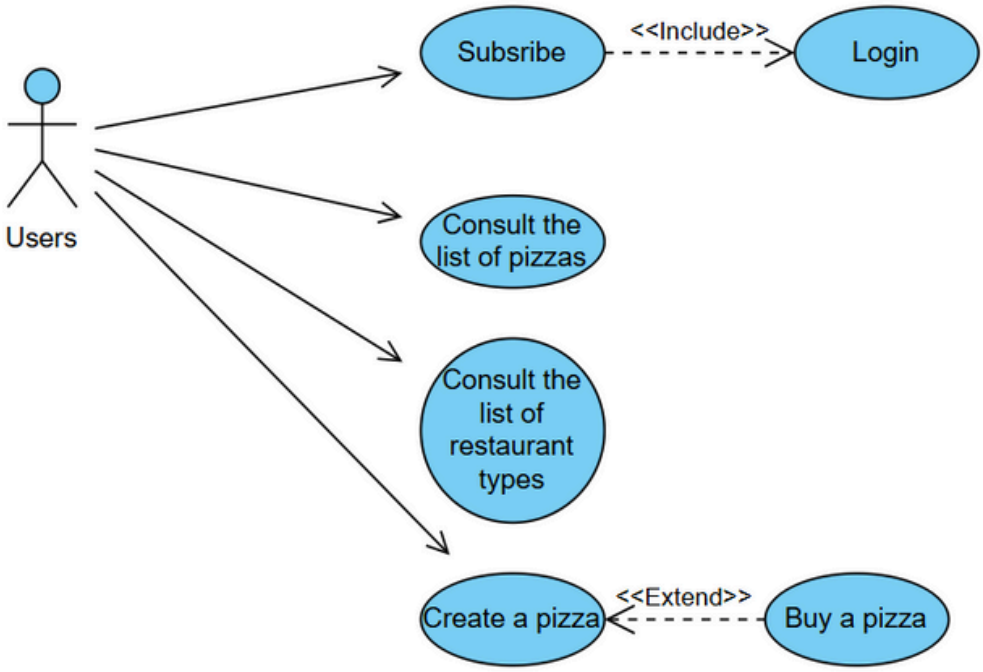
OUR TABLES


Restaurants
RestaurantID COUNTER
Name VARCHAR(100)
Category VARCHAR(50)
Location VARCHAR(255)
Rating DECIMAL(3,2)
Average_price DECIMAL(10,2)
1,n
Serves
PizzaID INT
RestaurantID INT
1,n
Pizza
PizzaID COUNTER
Name VARCHAR(100)
Category VARCHAR(100)
PreparationTime INT
Difficulty VARCHAR(100)
Size VARCHAR(100)
1,n
Contain
PizzaID INT
IngredientID INT
Quantity DECIMAL(10,2)
PreparationNote VARCHAR(100)
1,n
Ingredients
IngredientID INT
Name VARCHAR(100)
Type VARCHAR(100)
Origin VARCHAR(100)
Price DECIMAL(10,2)
Season VARCHAR(100)
0,n
Creates
User_ID INT
PizzaID INT
Price DECIMAL(10,2)
0,n
Users
User_ID COUNTER
User_name VARCHAR(100)
User_email VARCHAR(100)
User_pass VARCHAR(40)
User_Birthdate DATE
User_Phone VARCHAR(20)

FIRST GANTT DIAGRAM

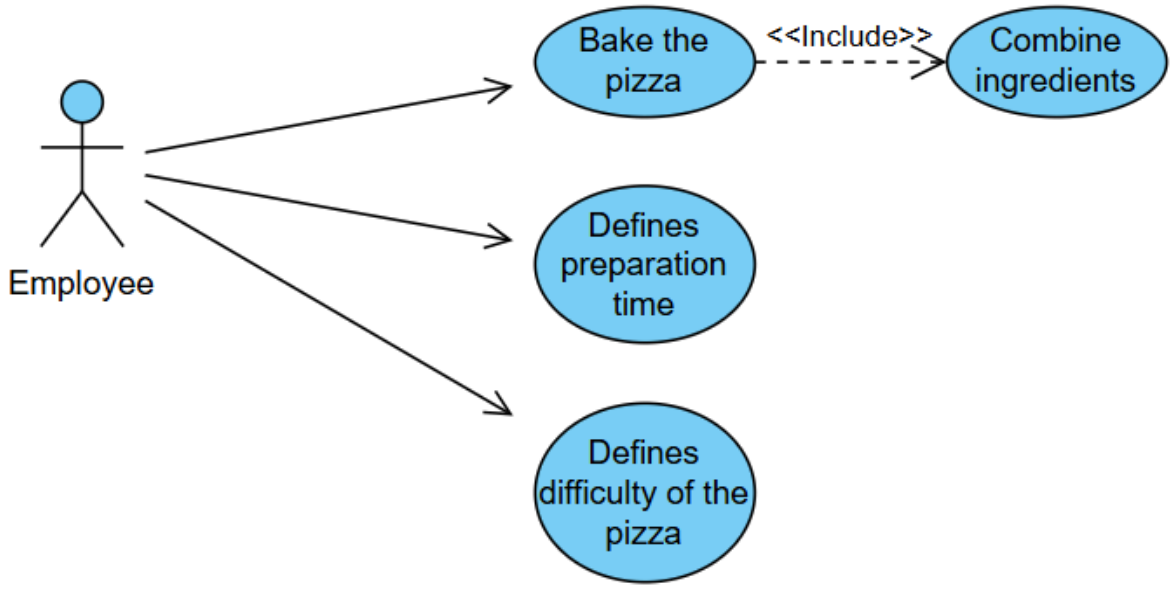
USE CASE DIAGRAM

HADILE



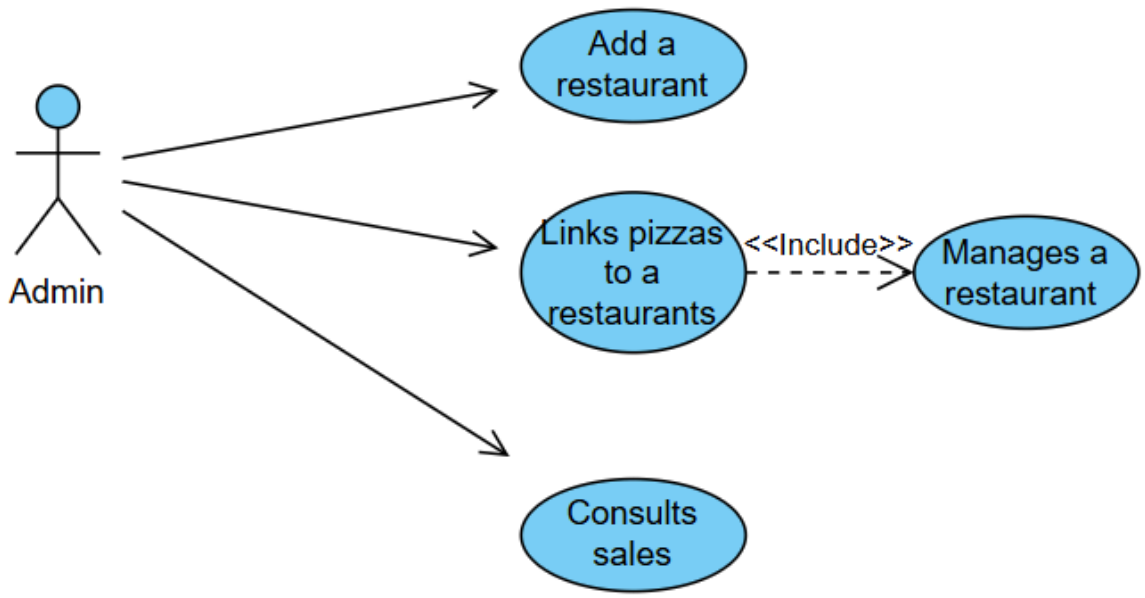
USE CASE DIAGRAM

HUGO



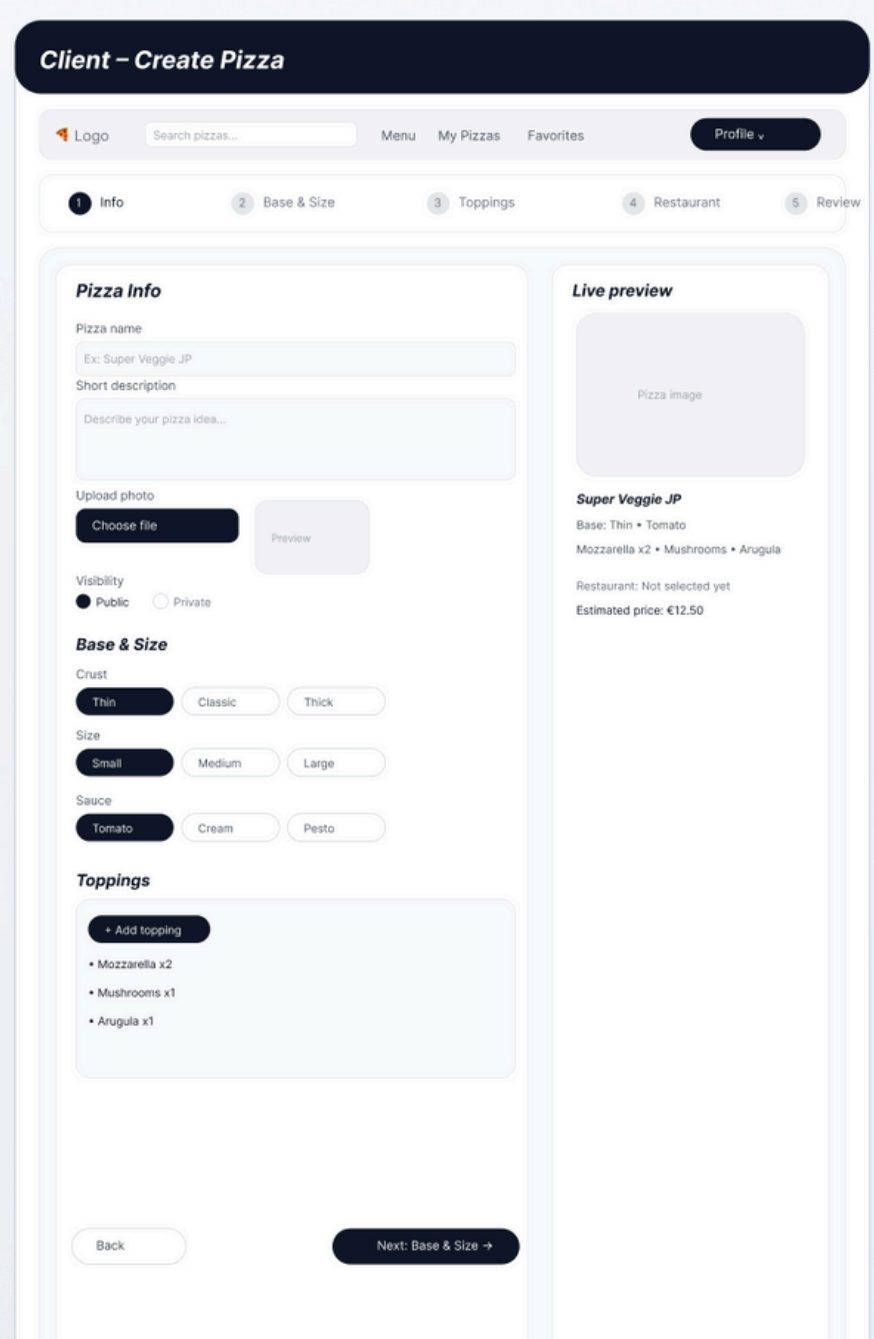
USE CASE DIAGRAM

BEYA



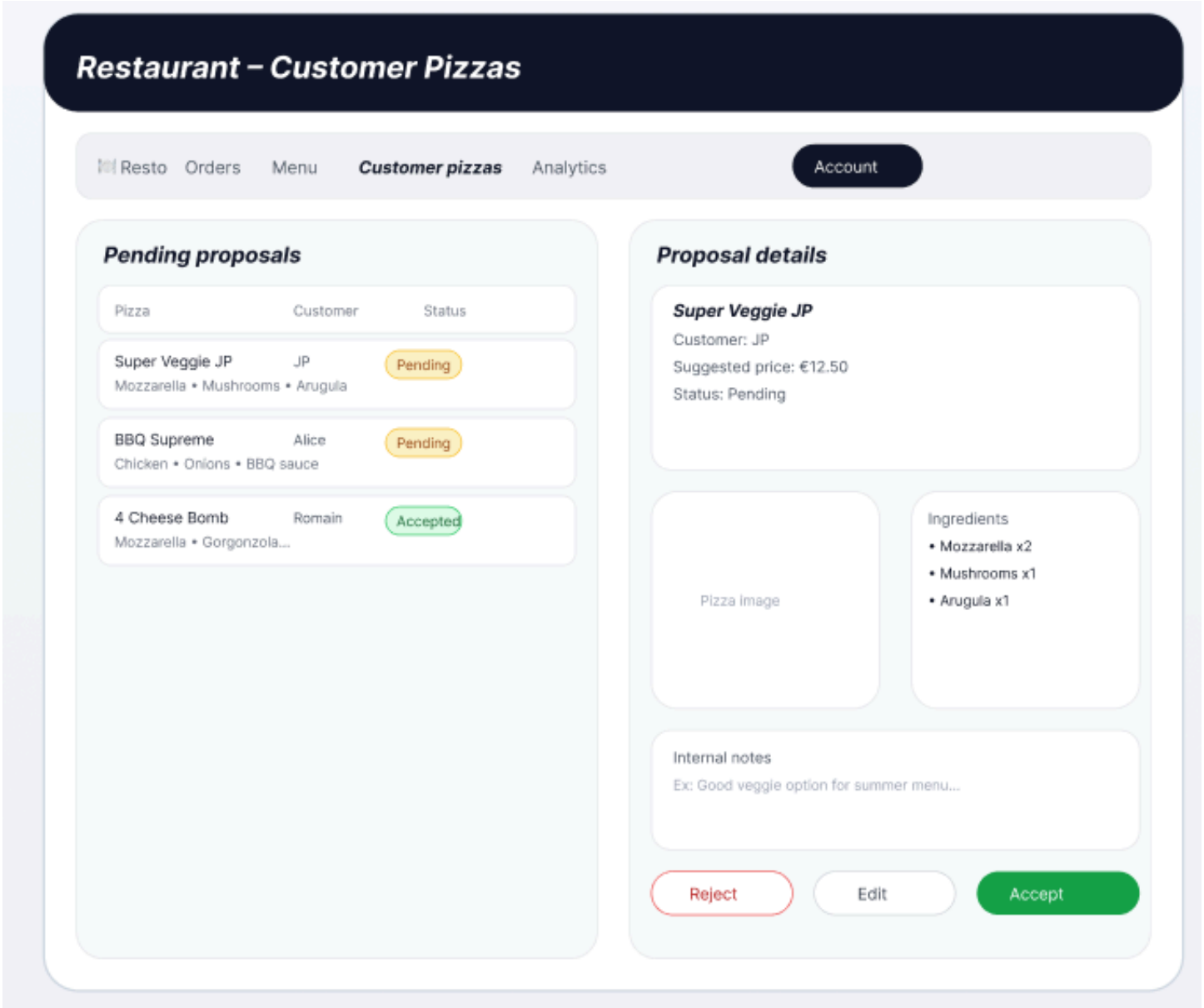
WIREFRAME DIAGRAM

HADILE



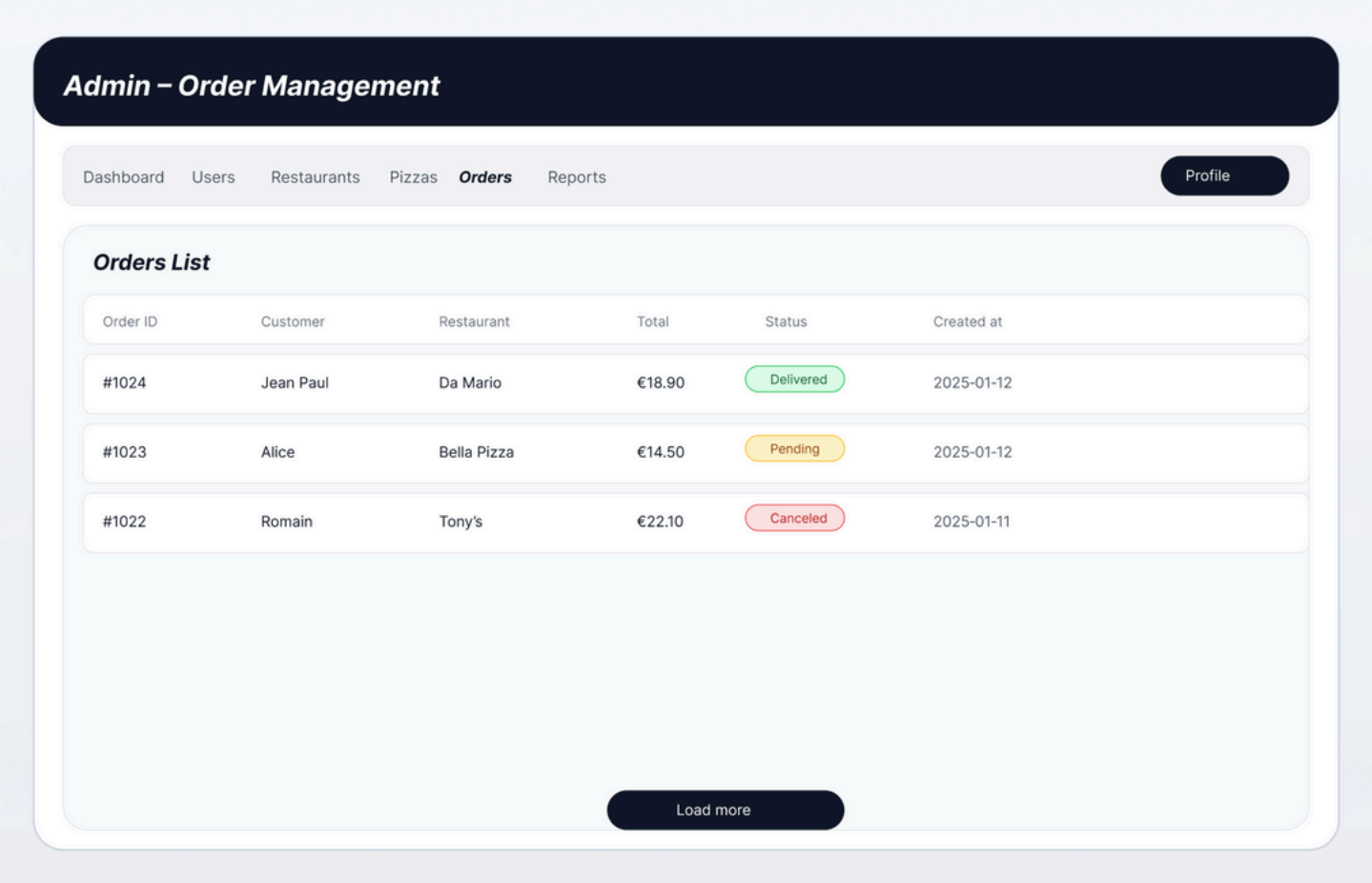
WIREFRAME DIAGRAM

HUGO



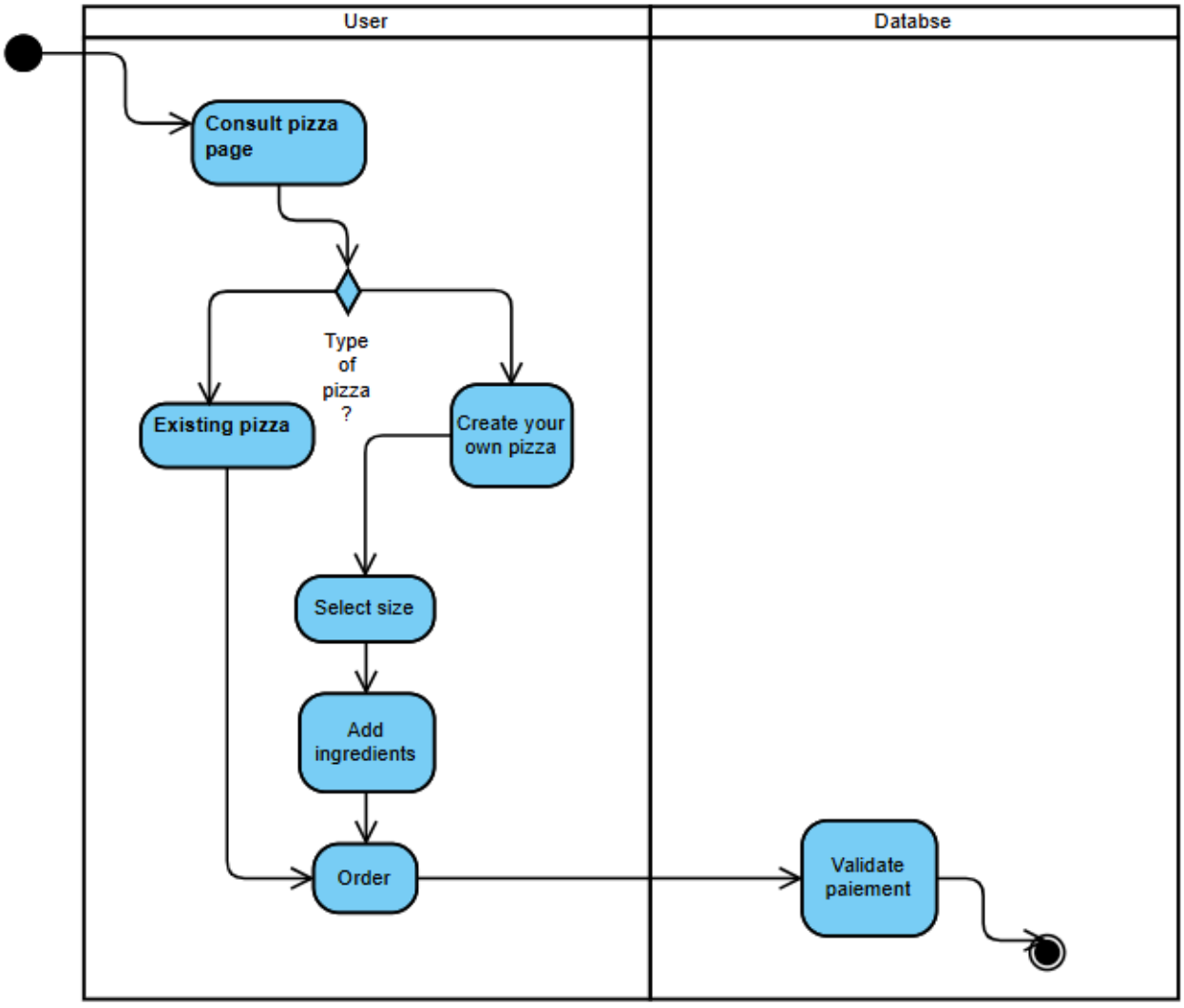
WIREFRAME DIAGRAM

BEYA



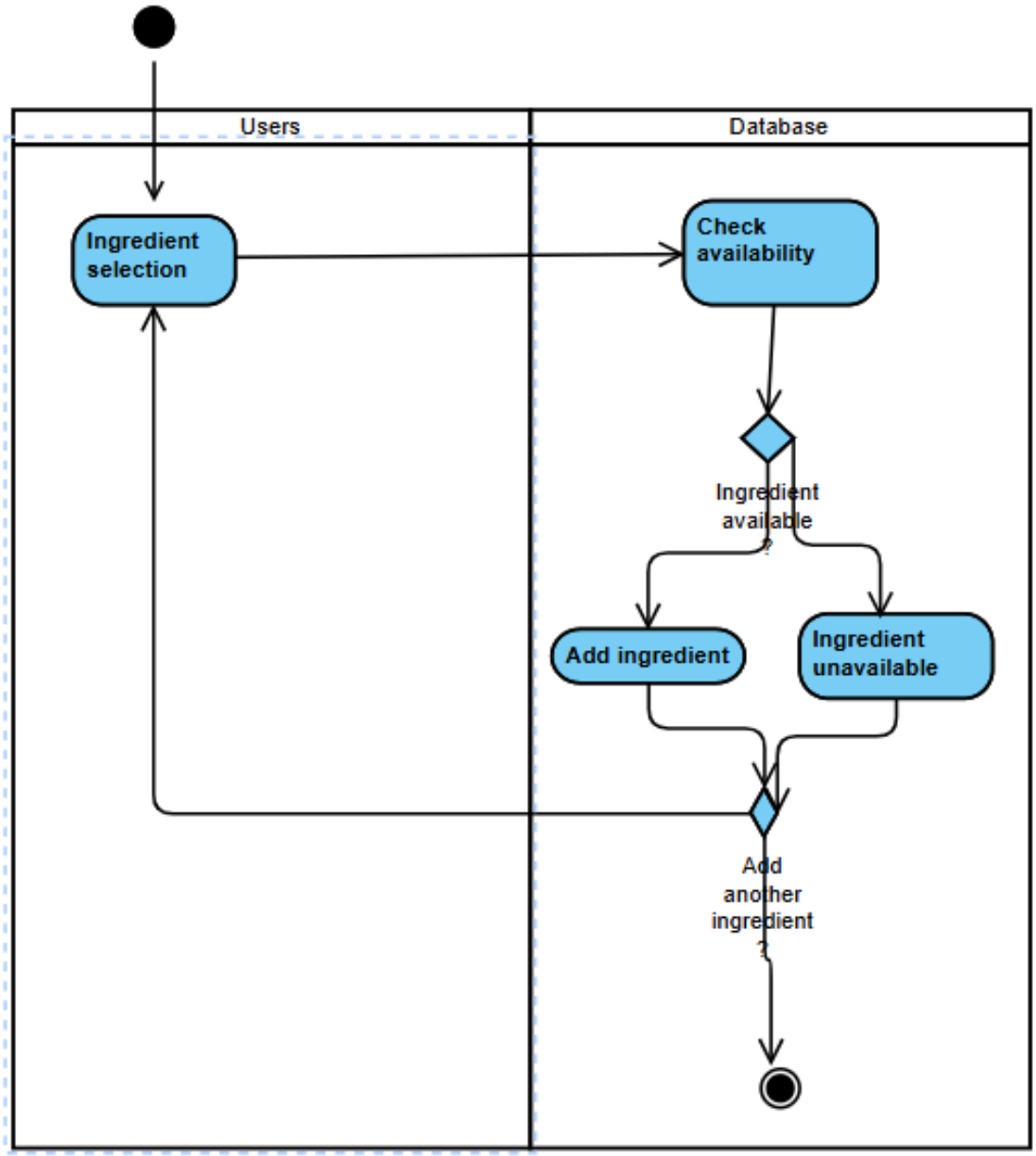
ACTIVITY DIAGRAM

HADILE



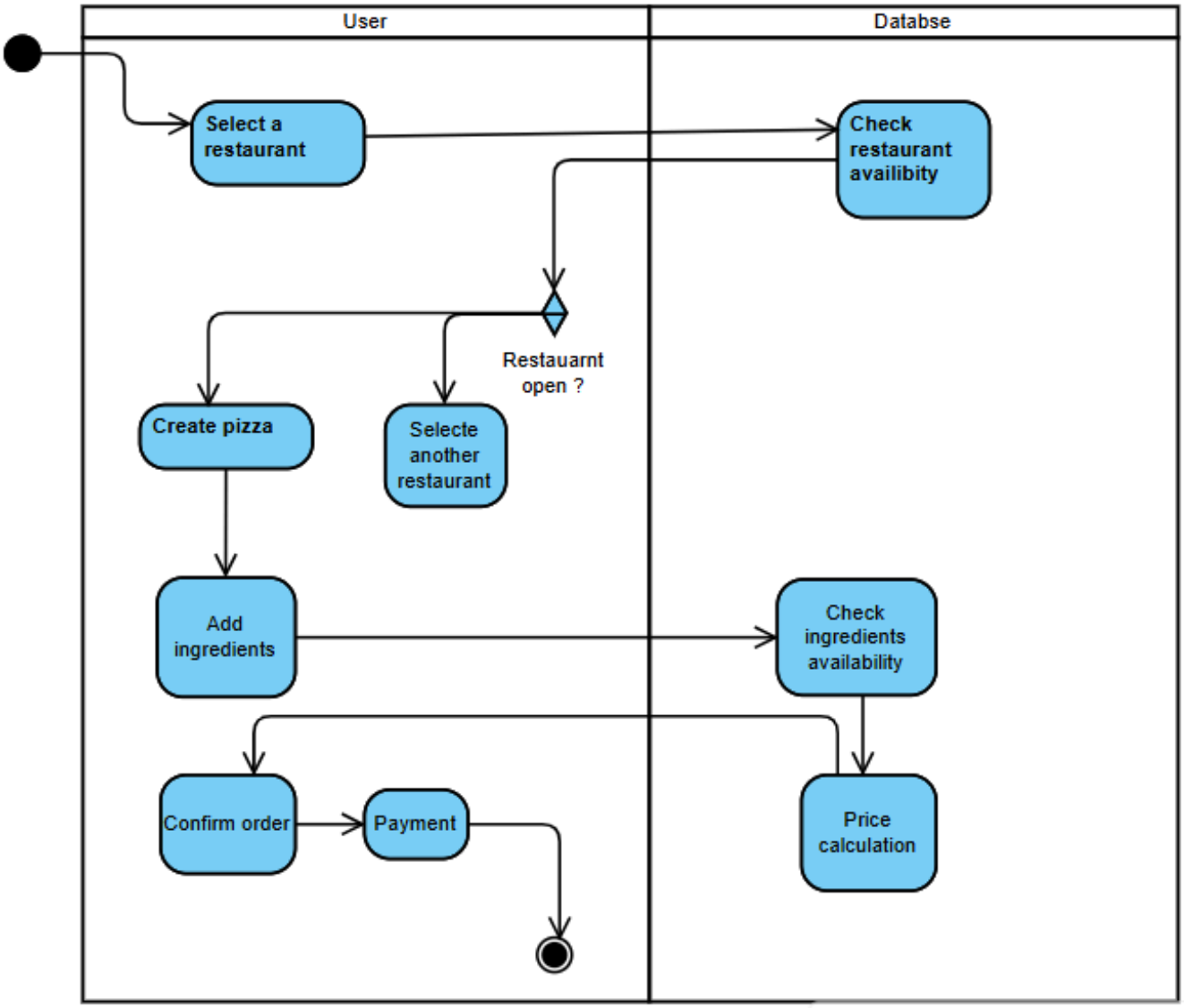
ACTIVITY DIAGRAM

HUGO



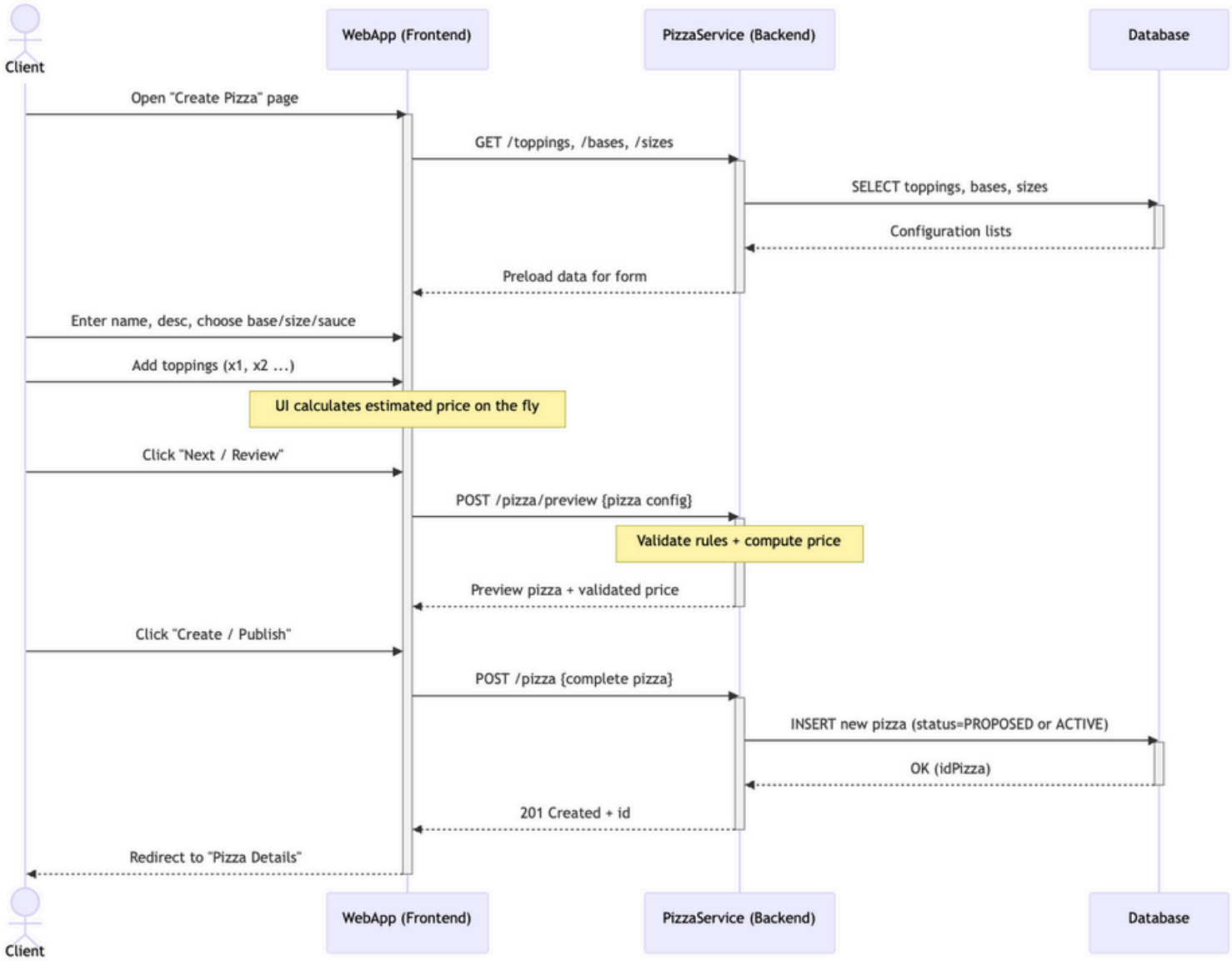
ACTIVITY DIAGRAM

BEYA



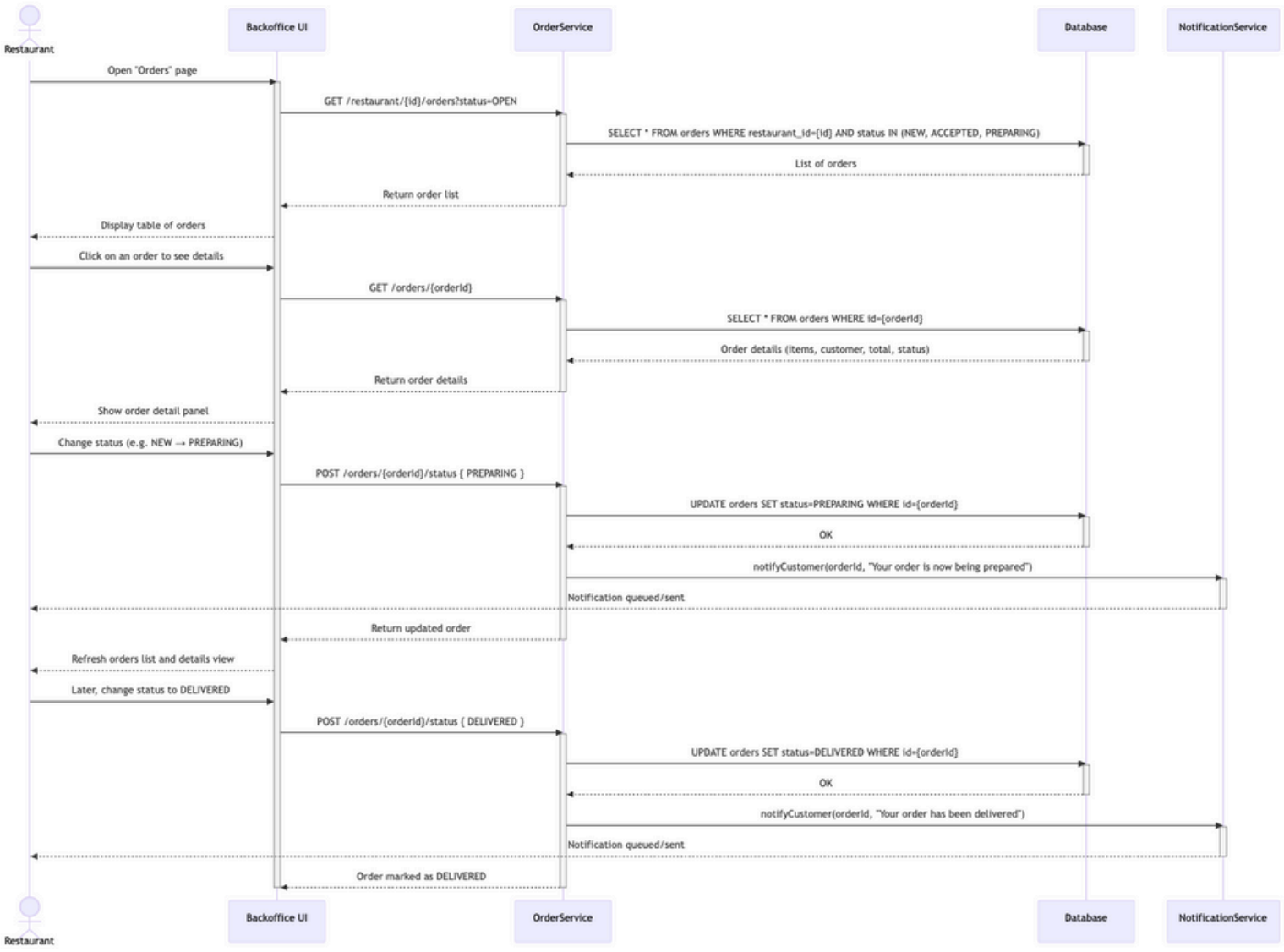
SEQUENCE DIAGRAM

HADILE



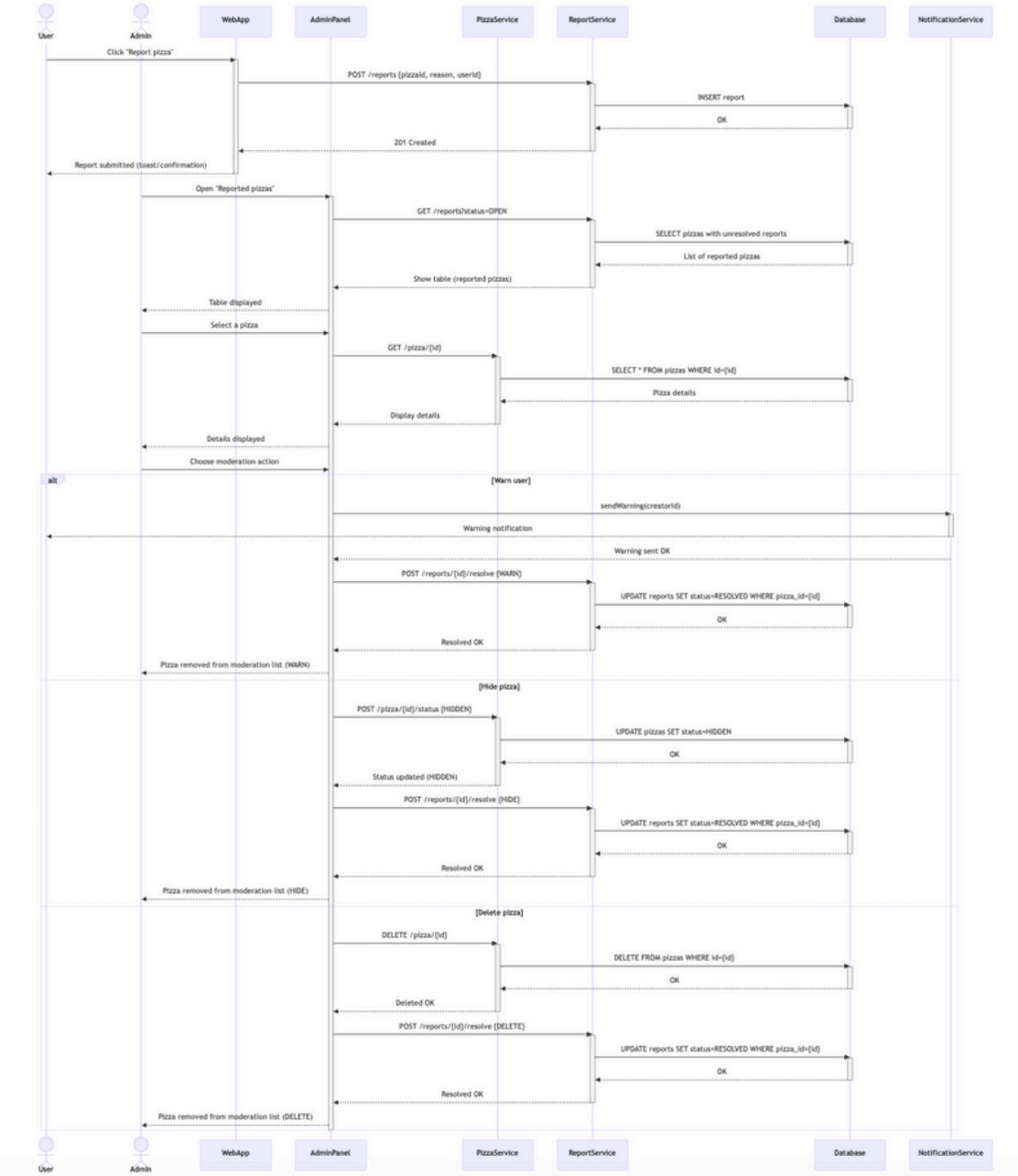
SEQUENCE DIAGRAM

BEYA



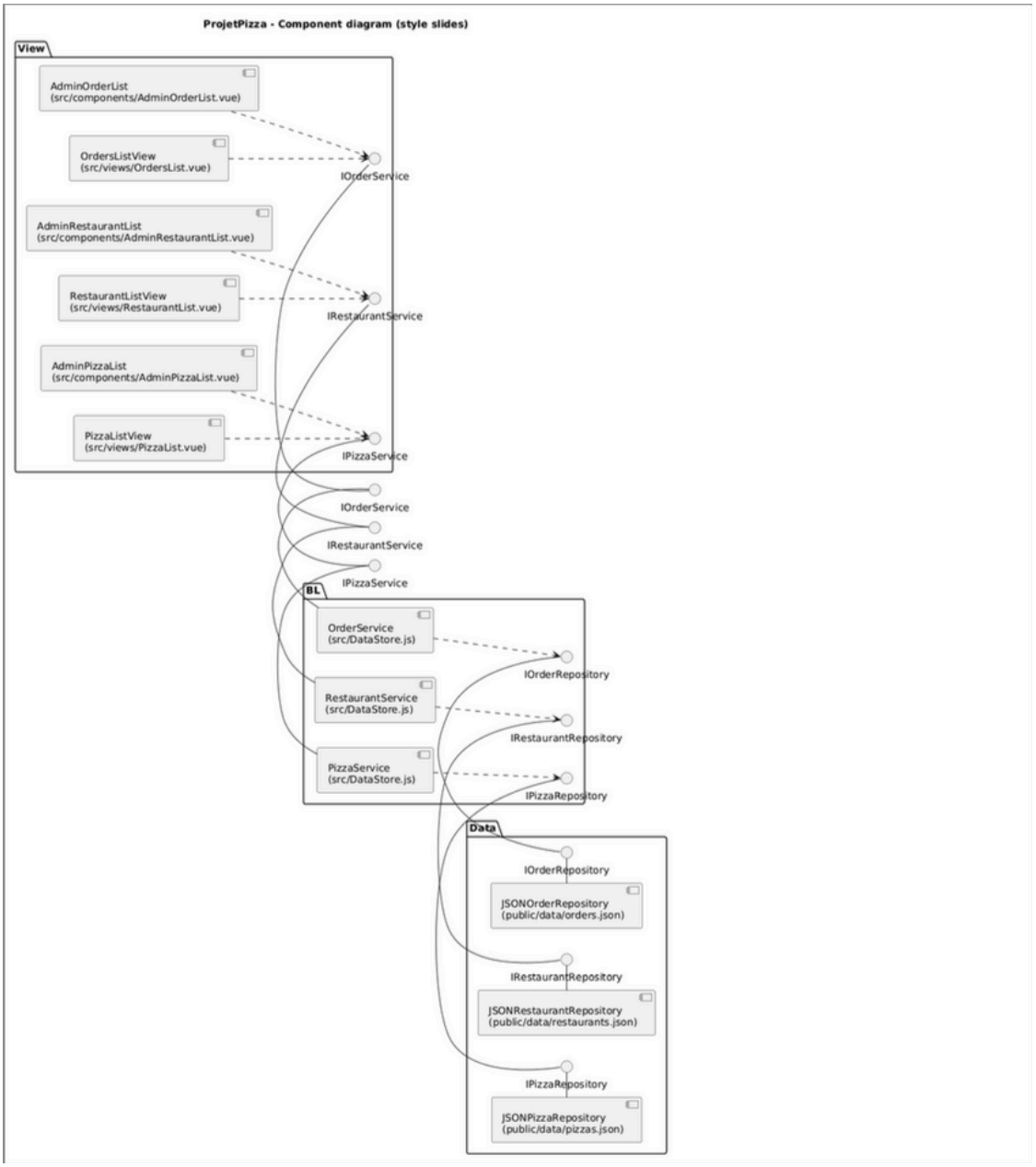
SEQUENCE DIAGRAM

HUGO



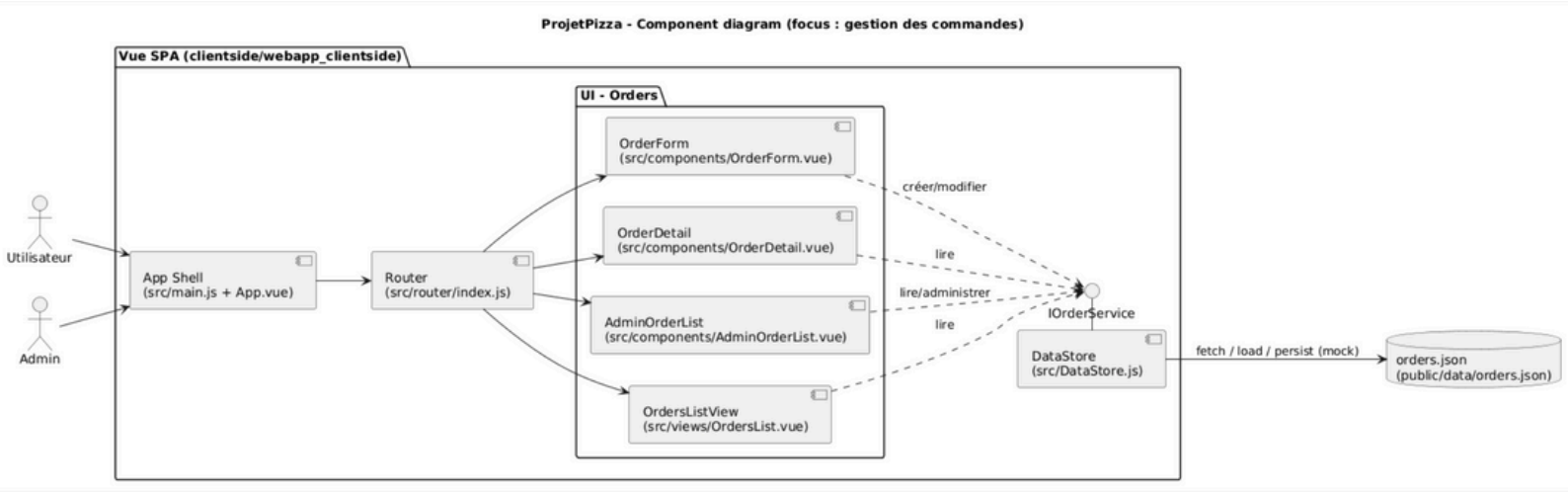
COMPONENT DIAGRAM

BEYA



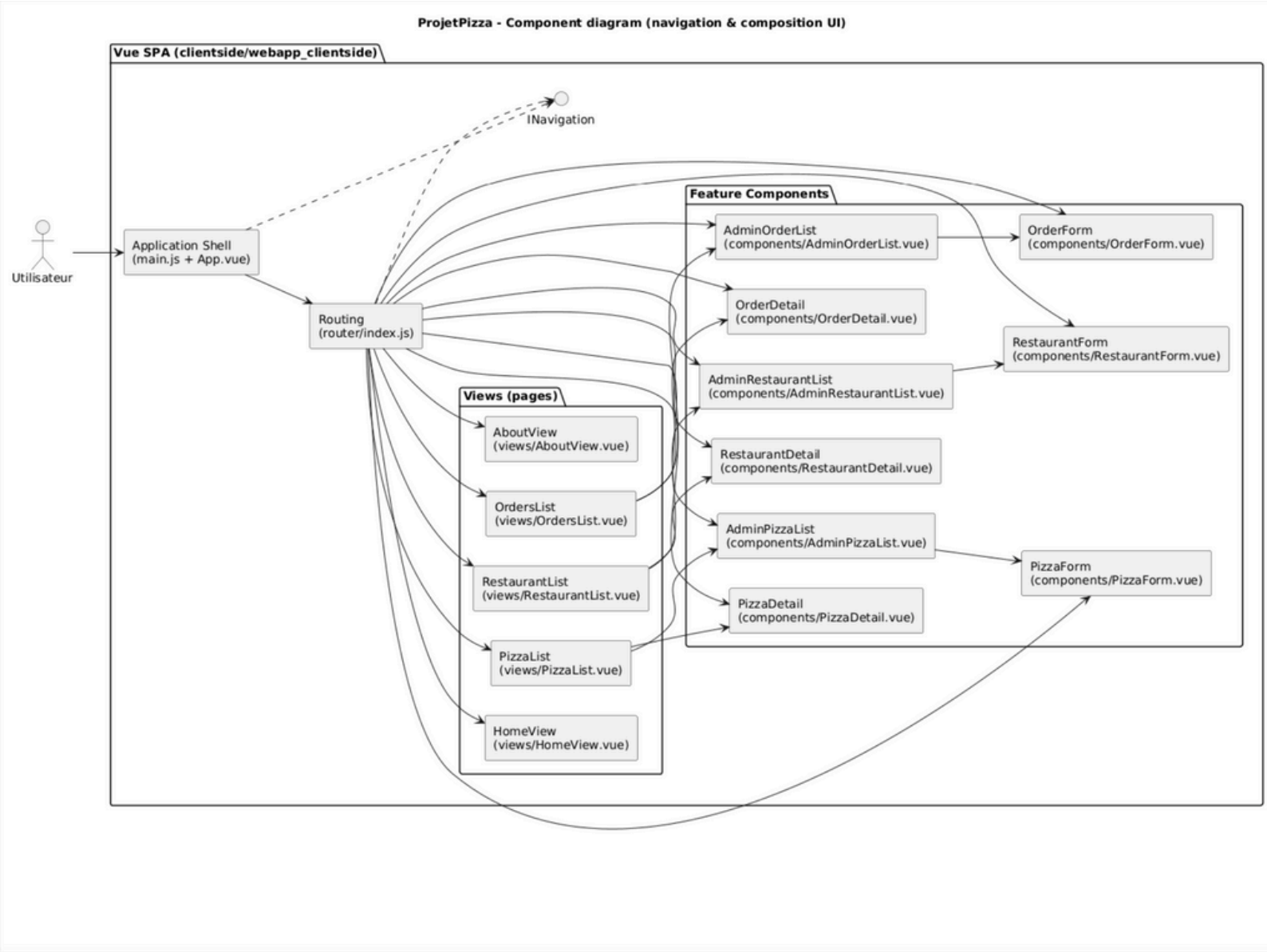
COMPONENT DIAGRAM

HADILE

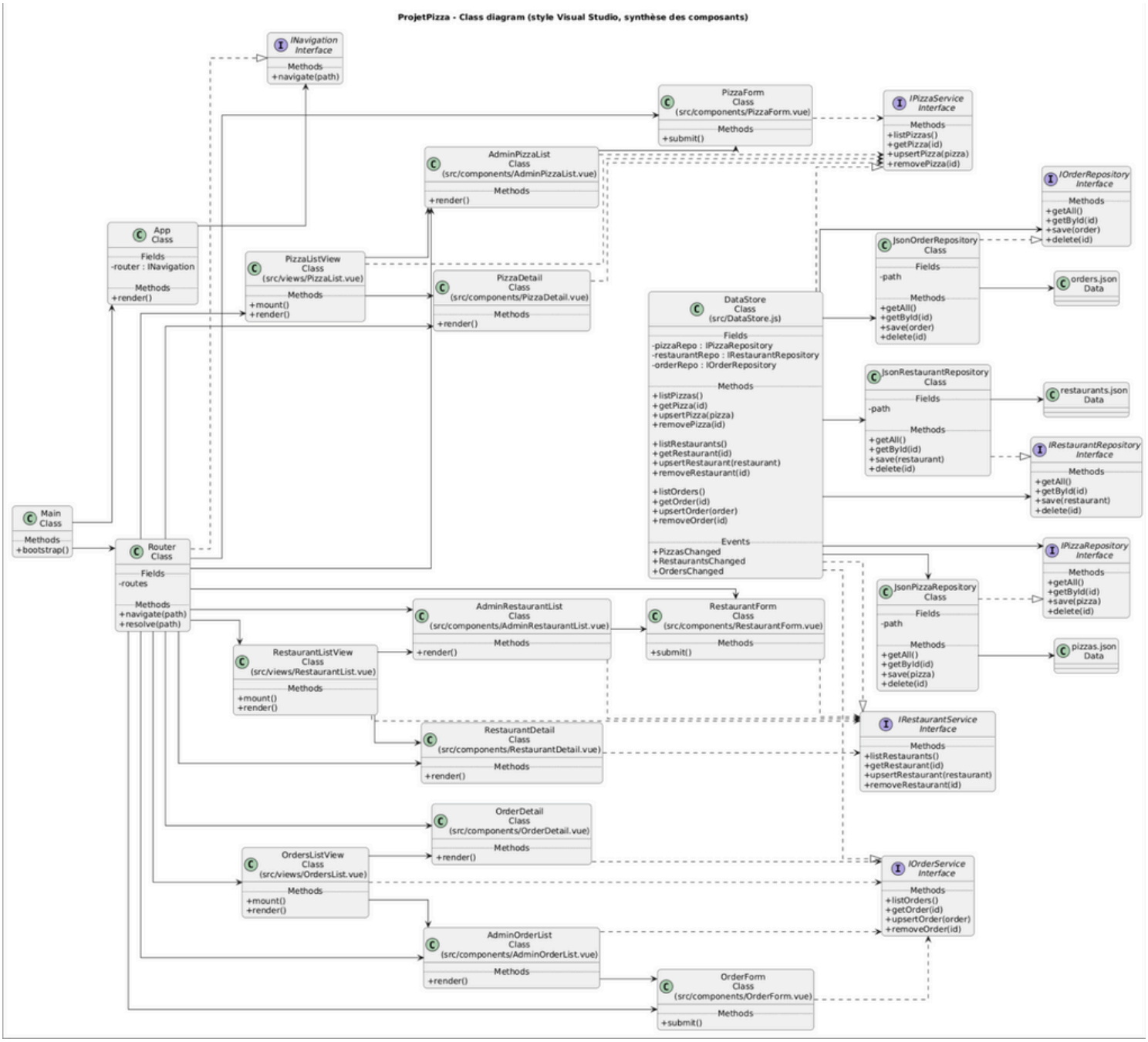
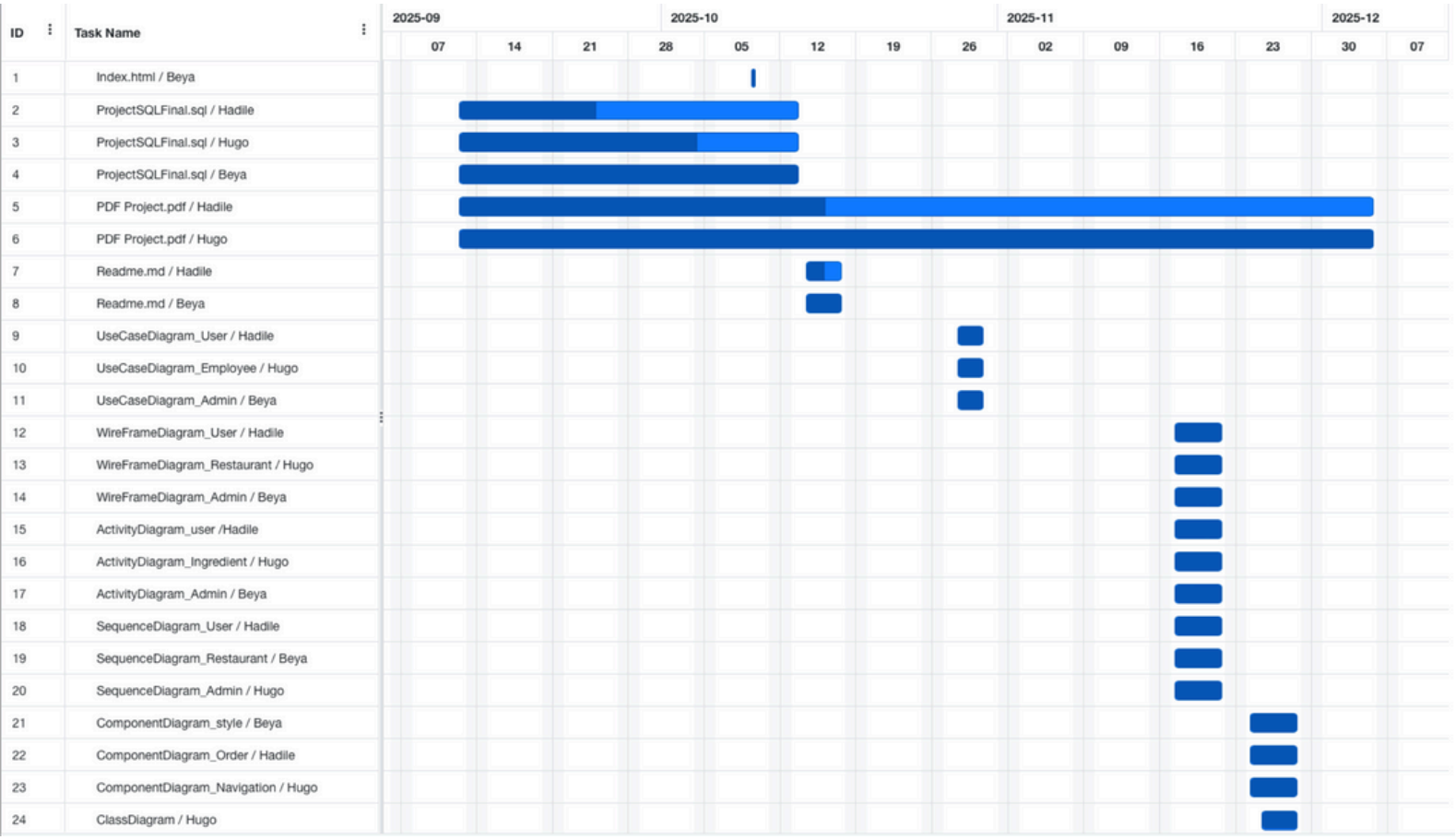


COMPONENT DIAGRAM

HUGO



CLASS DIAGRAM



FINAL GANTT DIAGRAM