

# Pizza restaurant

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## Overview

Our website offers a unique experience for pizza lovers! They're served at nearby restaurants. You can suggest new pizza creations, add pizzas and restaurant information about each restaurant where your favorite slices are available.

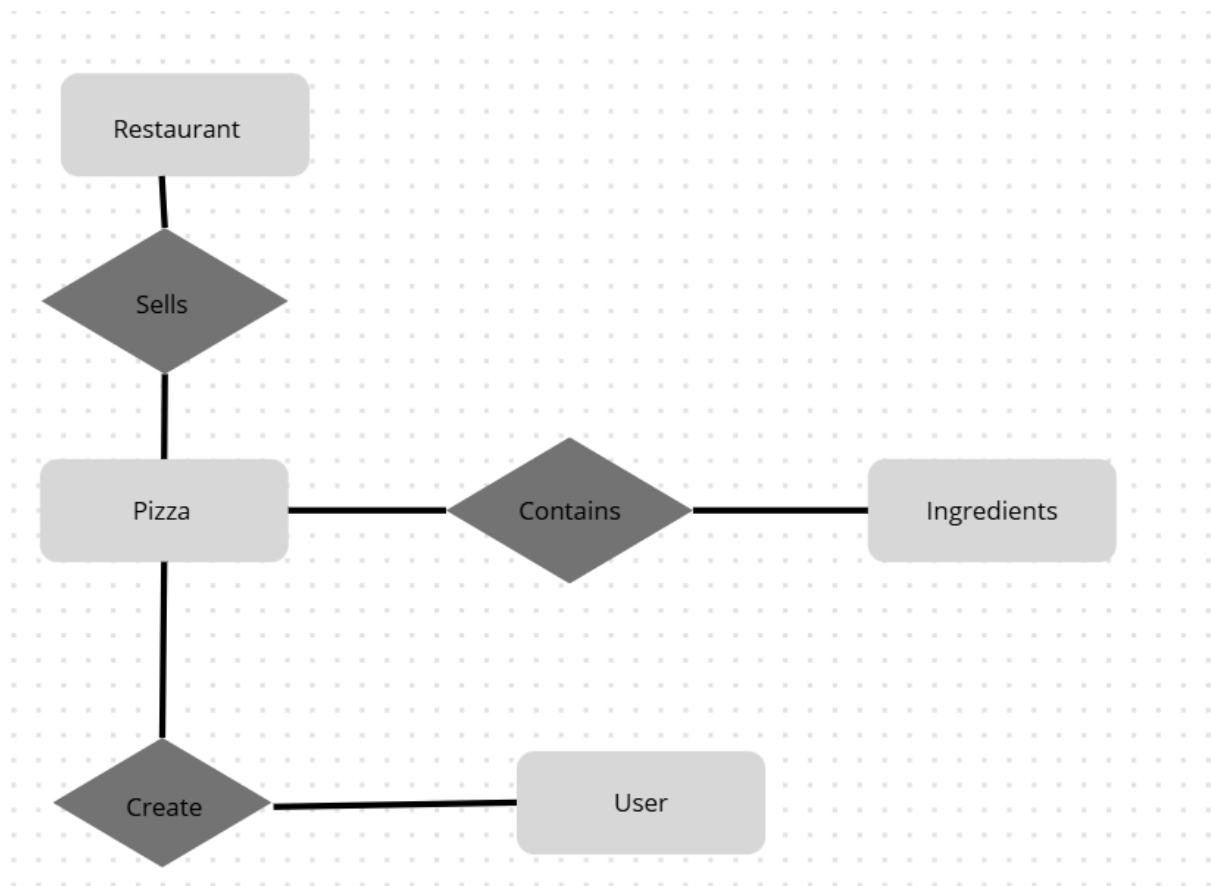
Plus, our search feature lets you quickly find any pizza you're craving.

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
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04	SQL
05	Use case Diagrams
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07	Activity Diagrams
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# Database Structure



## Relevant Resources

Ingredients : Components of each pizza

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Restaurant : Establishment where  
clients can make their pizza

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User: People who can create their own pizza

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Pizza : Represents different pizzas made by clients

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# KEY RELATIONSHIP

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

"Sells" links pizzas to restaurants that sells them.

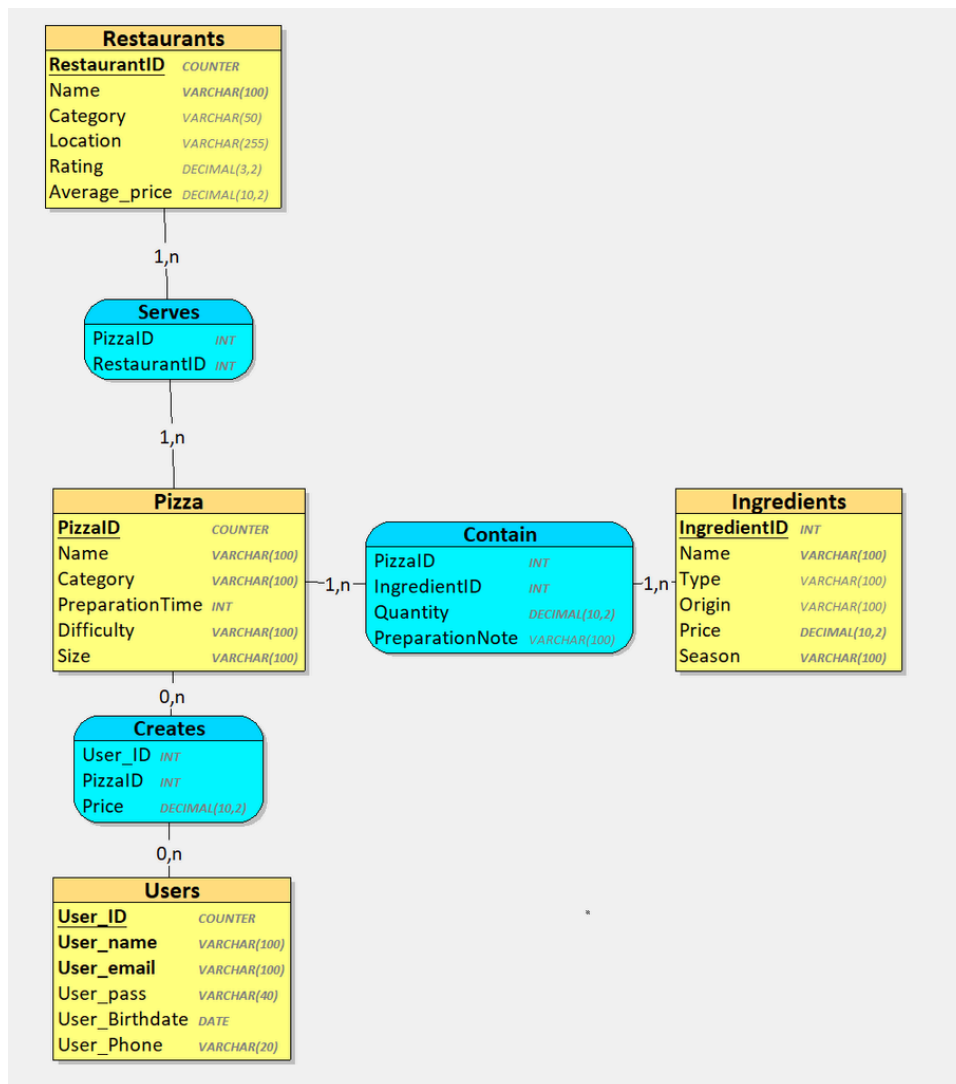
"Create" represents the connection between users and the pizzas they prepare

# TABLE STRUCTURE DIAGRAM

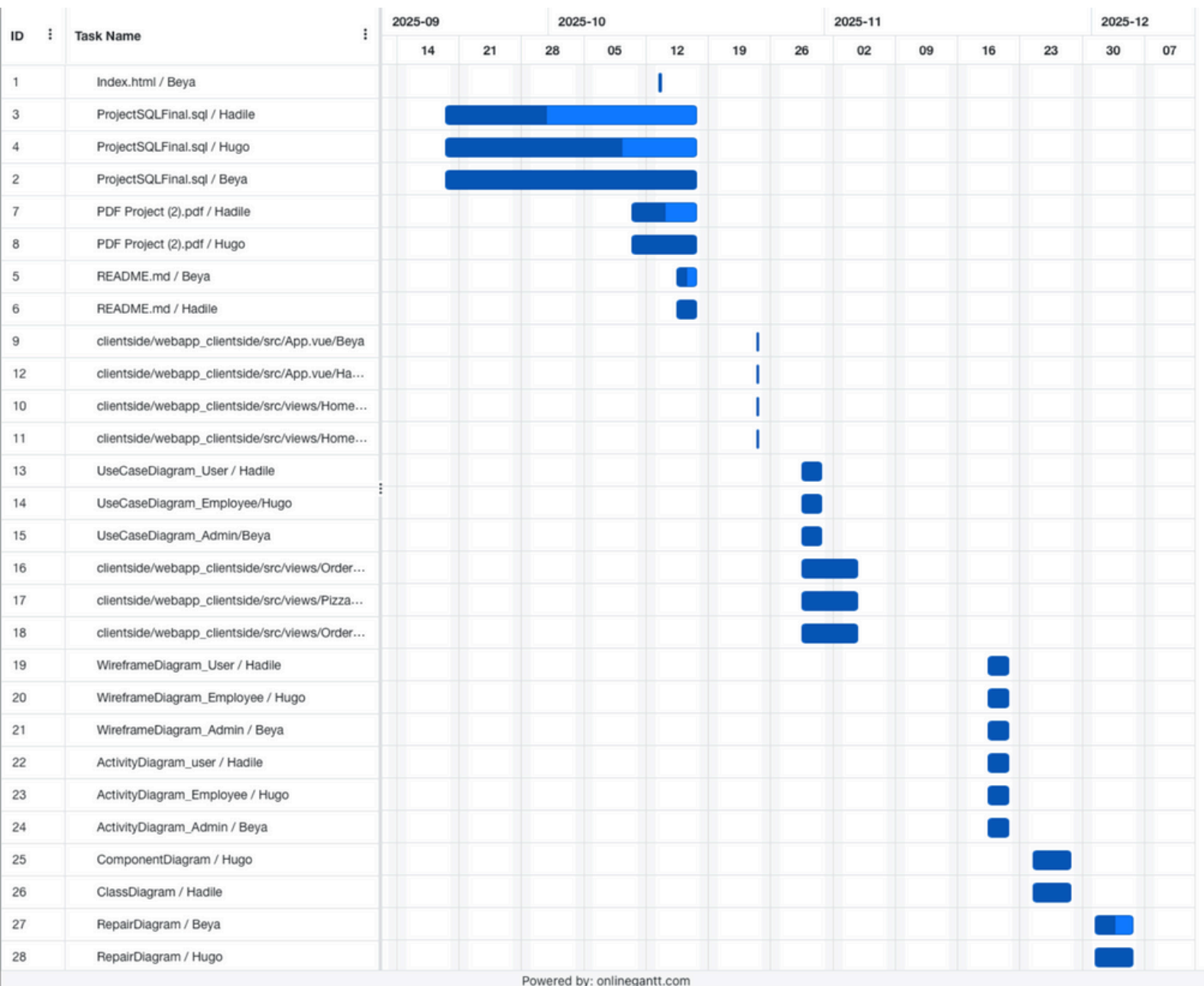
- **Pizza:** Stores details about each pizza including its name, category, preparation time and difficulty.
- **Ingredient :** Keeps information about each ingredient, such as type, origin and price.
- **User :** Captures user data, including login credentials and profile details.
- **Restaurant :**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

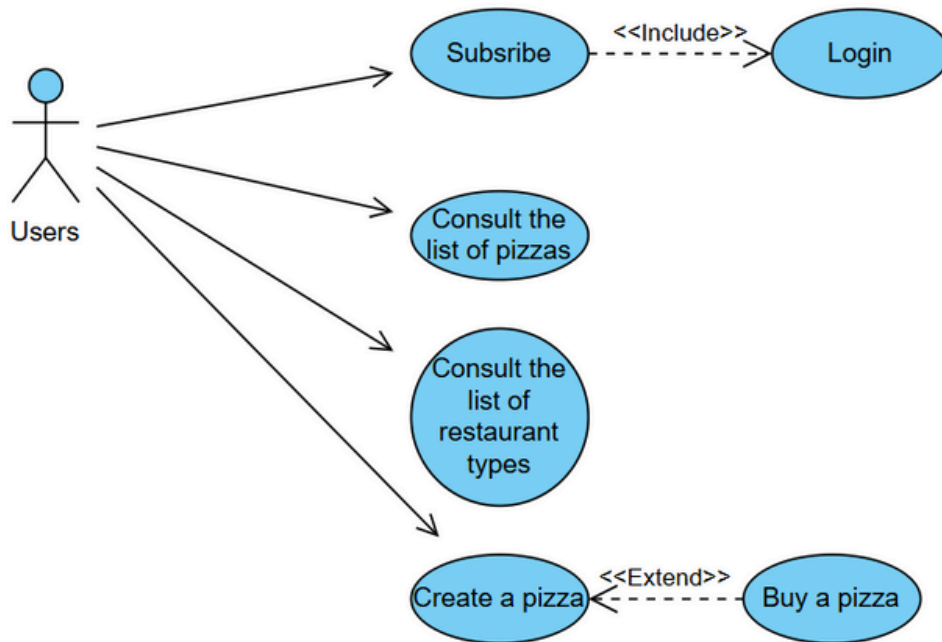


# GANTT DIAGRAM

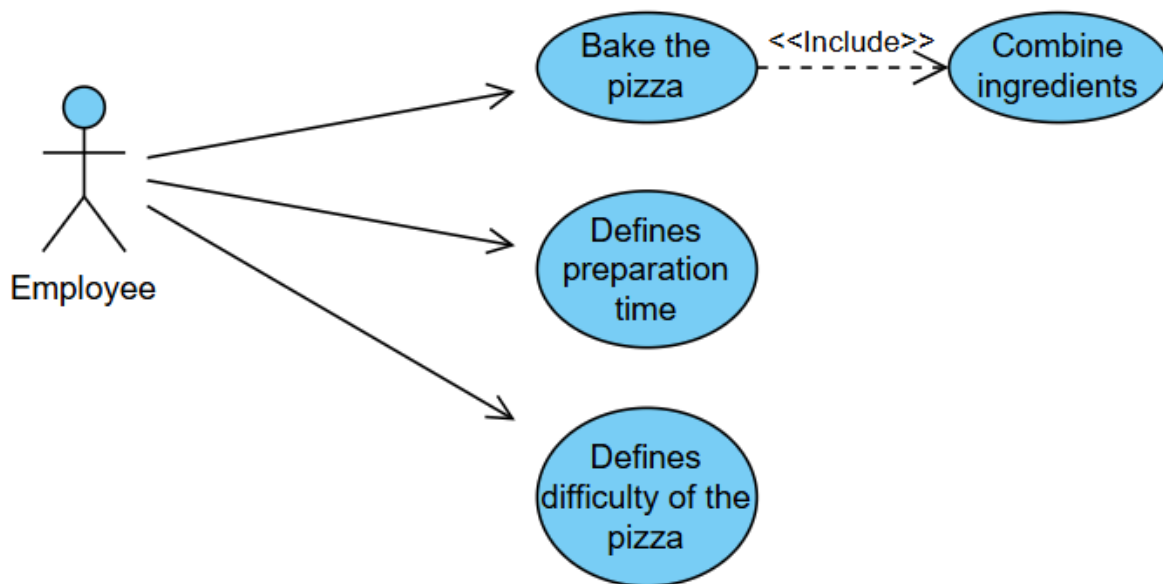




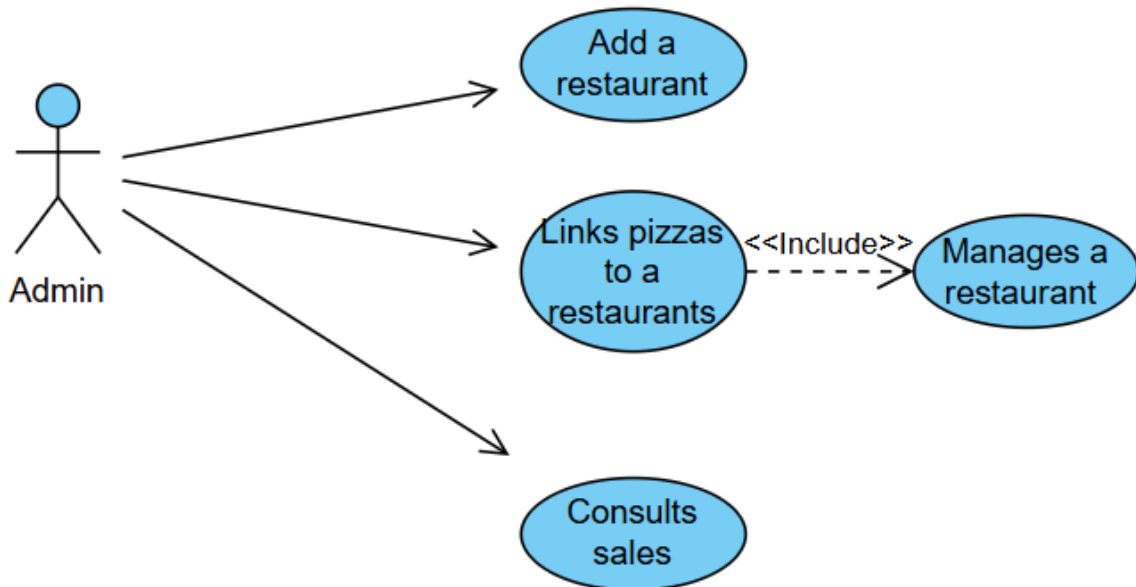
# USE CASE DIAGRAM



# USE CASE DIAGRAM



# USE CASE DIAGRAM



# WIREFRAME DIAGRAM

Client – Create Pizza

Logo

Search pizzas...

Menu

My Pizzas

Favorites

Profile ▾

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

ThinClassicThick

Size

SmallMediumLarge

Sauce

TomatoCreamPesto

Toppings

+ Add topping

Mozzarella x2

Mushrooms x1

Arugula x1

Live preview

Pizza image

Super Veggie JP

Base: Thin • Tomato

Mozzarella x2 • Mushrooms • Arugula

Restaurant: Not selected yet

Estimated price: €12.50

Back

Next: Base & Size →

# WIREFRAME DIAGRAM

## Restaurant – Customer Pizzas

Resto Orders Menu **Customer pizzas** Analytics

Account

### Pending proposals

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

### Proposal details

#### Super Veggie JP

Customer: JP  
Suggested price: €12.50  
Status: Pending

Pizza image

#### Ingredients

- Mozzarella x2
- Mushrooms x1
- Arugula x1

#### Internal notes

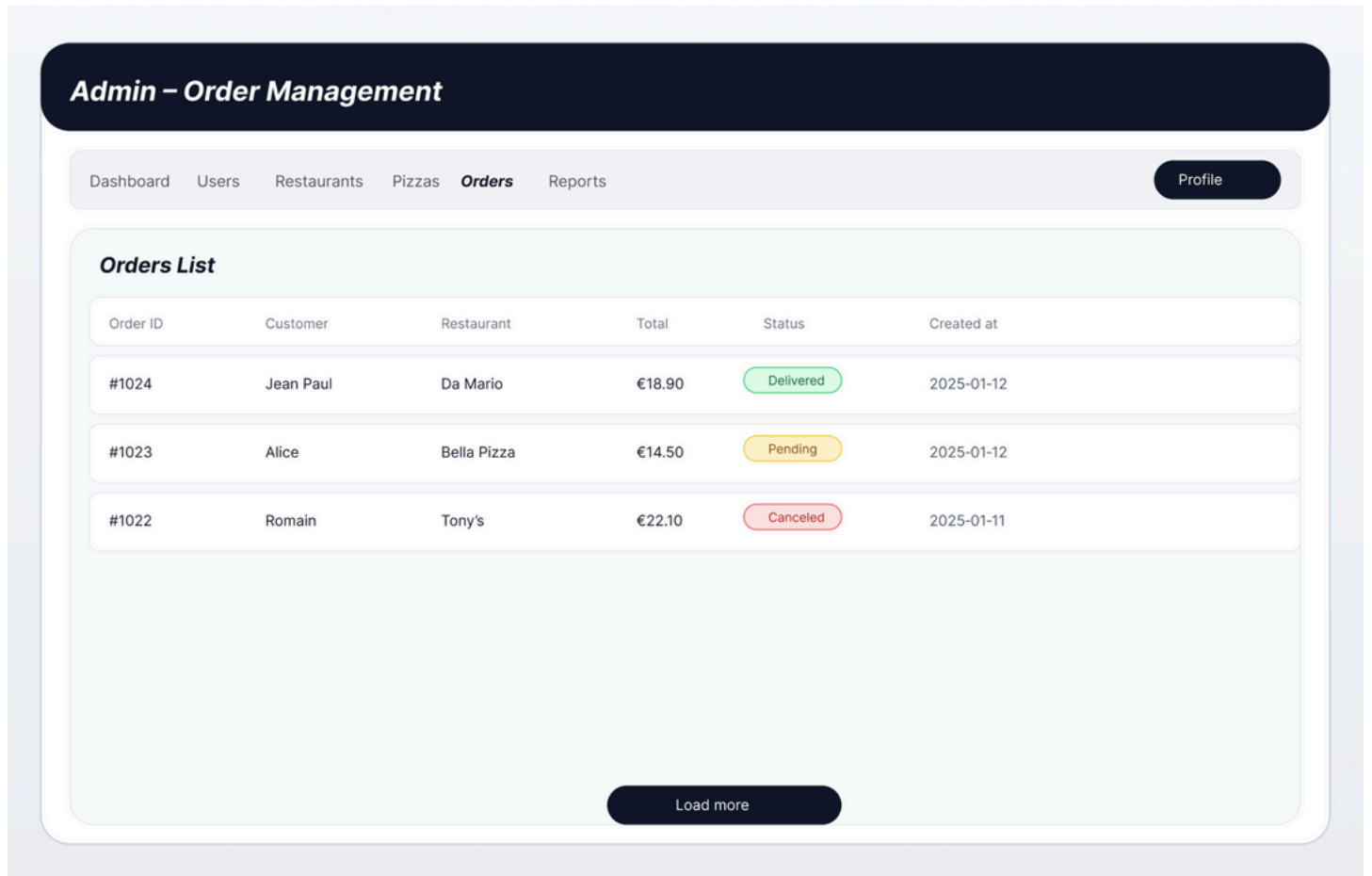
Ex: Good veggie option for summer menu...

Reject

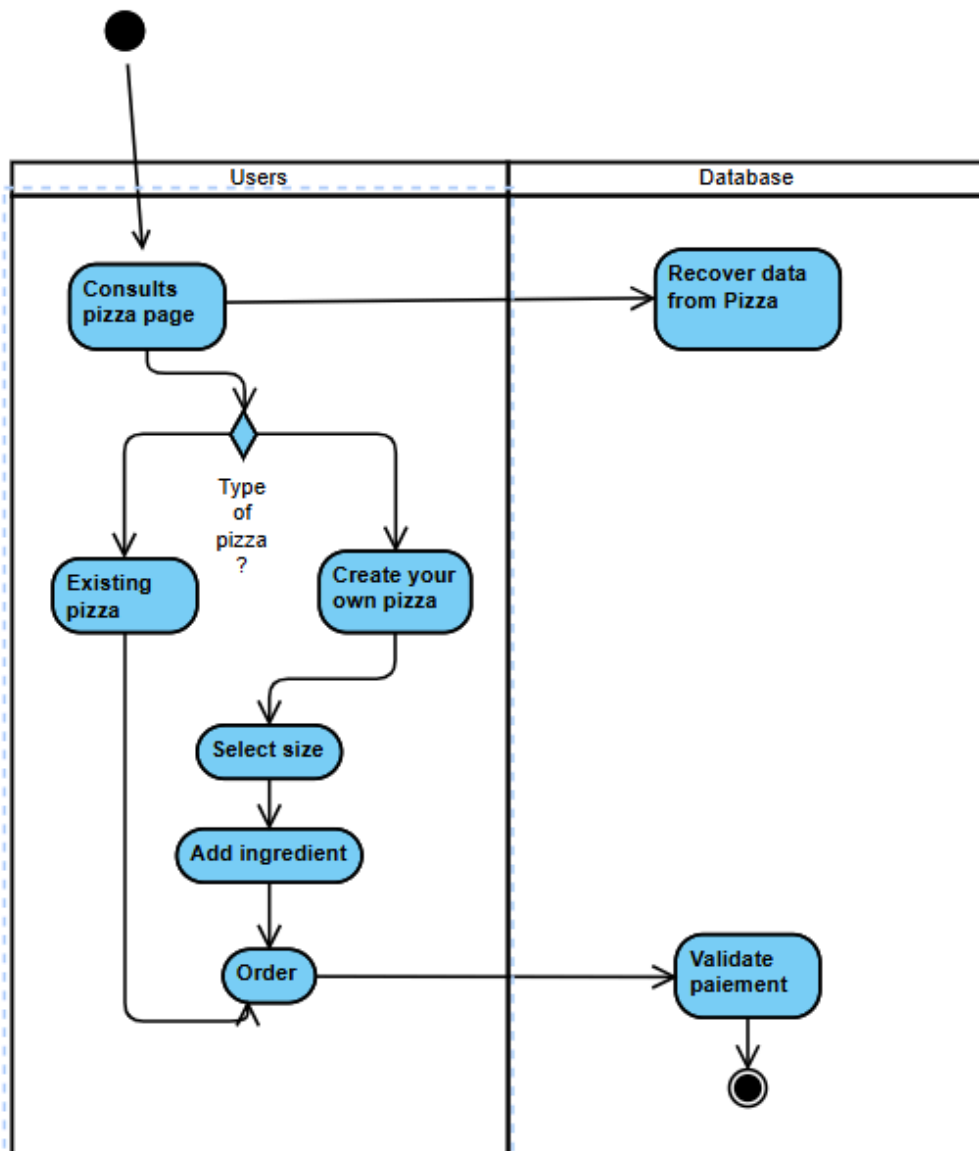
Edit

Accept

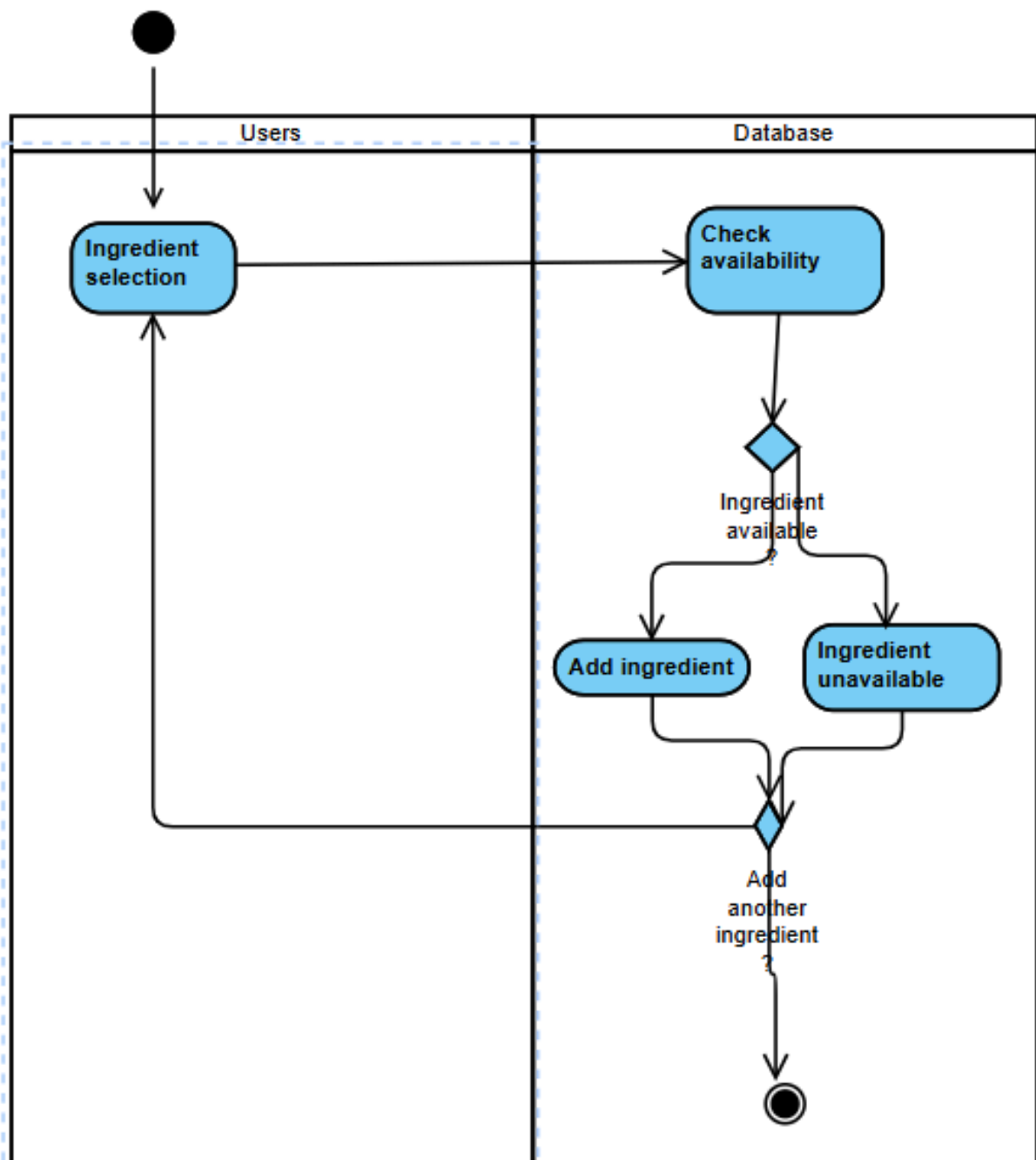
# WIREFRAME DIAGRAM



# ACTIVITY DIAGRAM

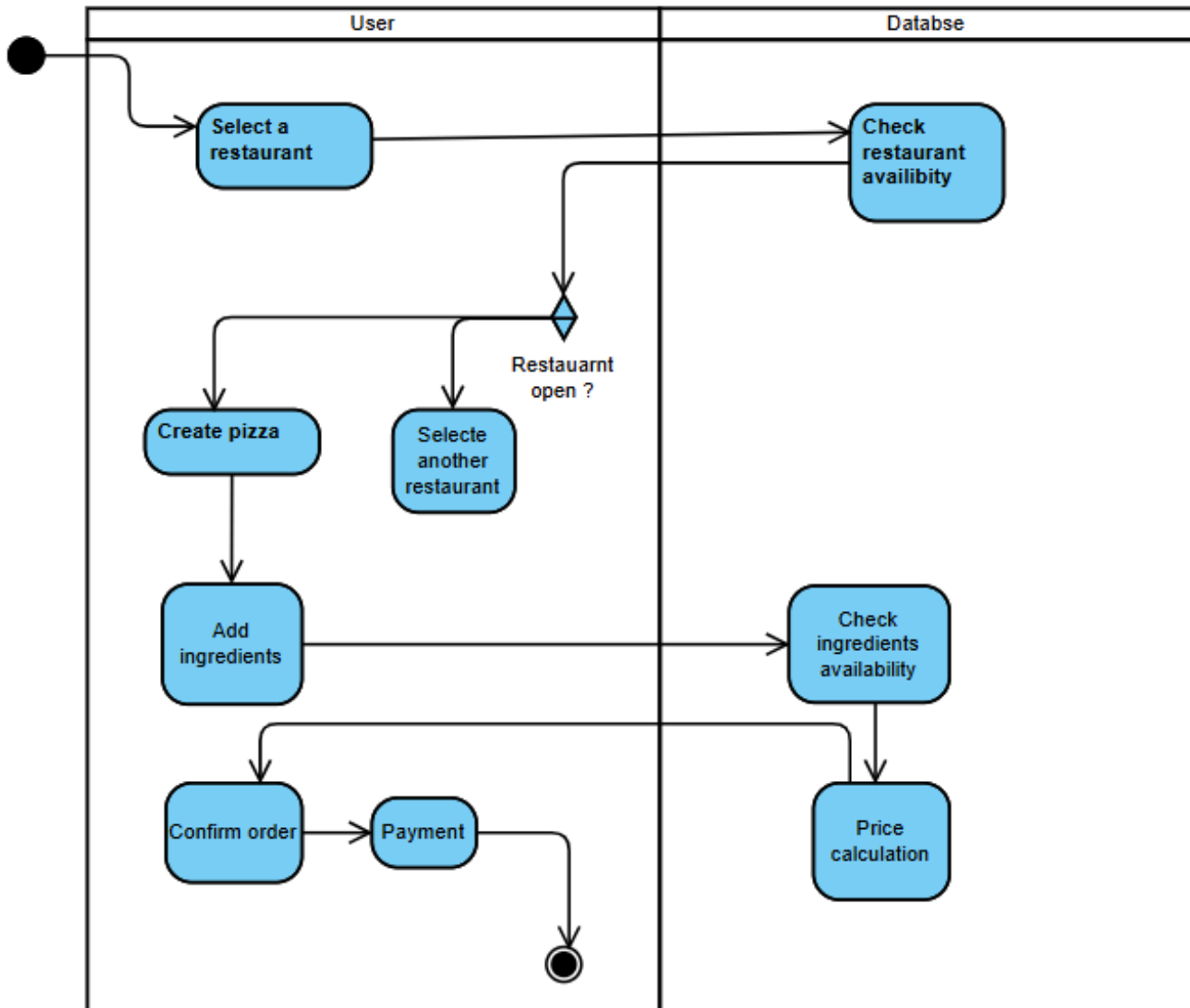


# ACTIVITY DIAGRAM

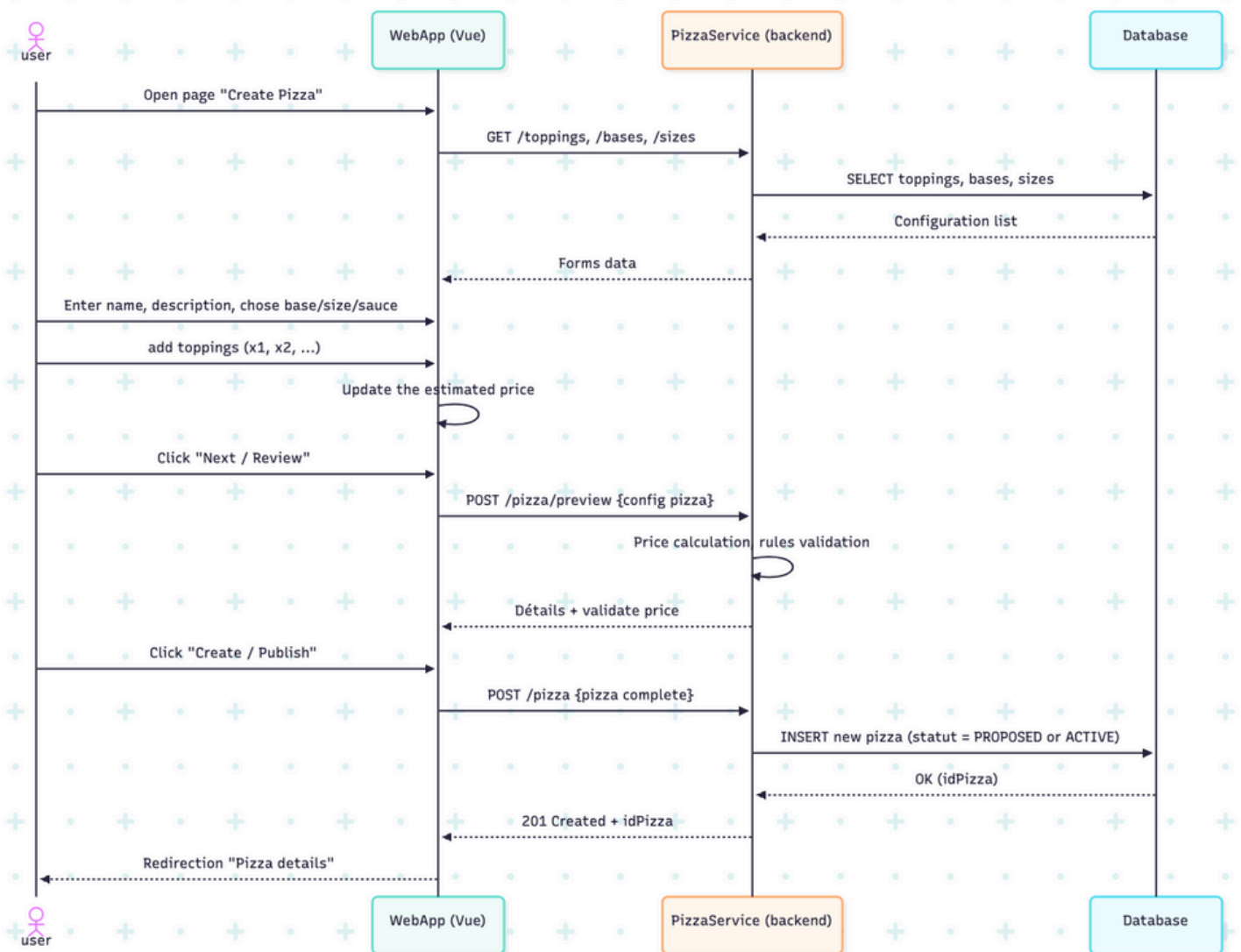




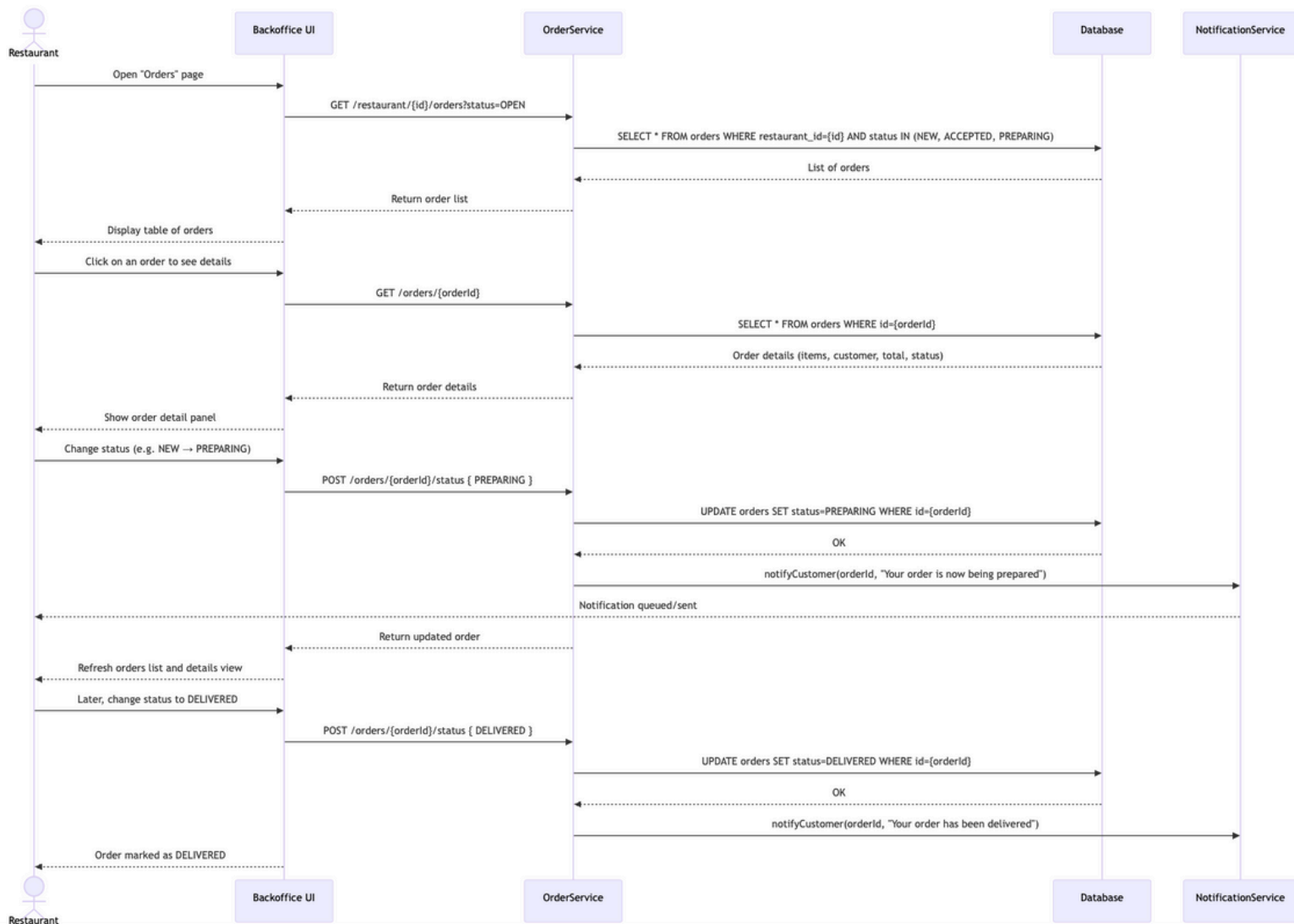
# ACTIVITY DIAGRAM



# SEQUENCE DIAGRAM



# SEQUENCE DIAGRAM



# SEQUENCE DIAGRAM

