Dominos Pizza

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Main functionality

- Registration and login
- Managing a list of addresses for each user
- Check entire menu with pizza's (without login)
- Order a pizza
- Option to customize your pizza (size, type of crust, additional ingredients)
- Adding the pizza order to cart
- Customize cart
- History of orders for each user
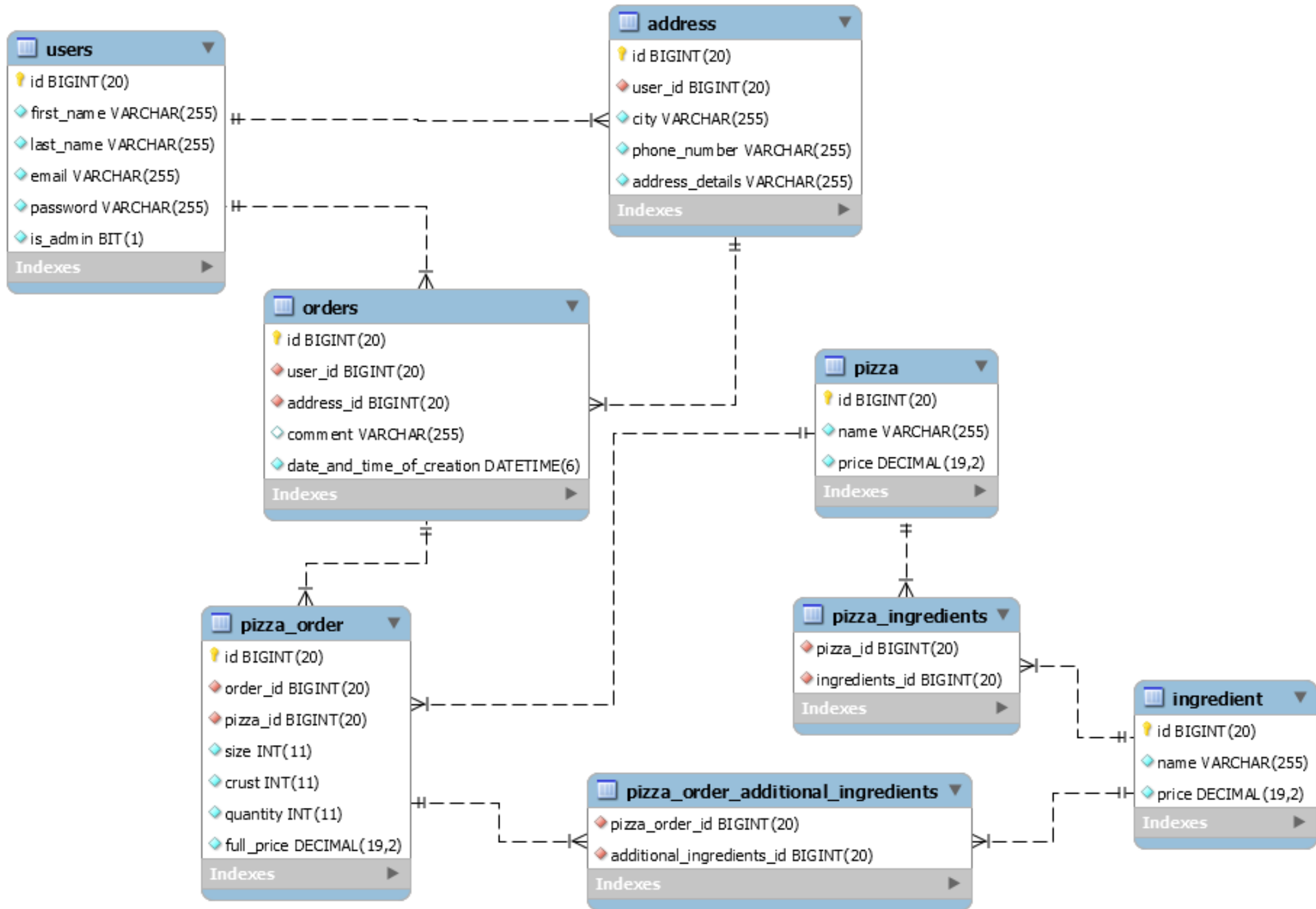- Admin profile for managing the inventory of products on the platform

What I used?

Technologies

- Java 8
- Spring Boot
- Maven
- Hibernate
- MySQL
- Spring Security
- BCrypt
- Lombok
- JUnit
- Mockito

Software

- IntelliJ IDEA
- Postman
- Git

Database Diagram

users
- 🔑 id BIGINT(20)
- ◆ first_name VARCHAR(255)
- ◆ last_name VARCHAR(255)
- ◆ email VARCHAR(255)
- ◆ password VARCHAR(255)
- ◆ is_admin BIT(1)
- Indexes ▶

address
- 🔑 id BIGINT(20)
- ◆ user_id BIGINT(20)
- ◆ city VARCHAR(255)
- ◆ phone_number VARCHAR(255)
- ◆ address_details VARCHAR(255)
- Indexes ▶

orders
- 🔑 id BIGINT(20)
- ◆ user_id BIGINT(20)
- ◆ address_id BIGINT(20)
- ◆ comment VARCHAR(255)
- ◆ date_and_time_of_creation DATETIME(6)
- Indexes ▶

pizza
- 🔑 id BIGINT(20)
- ◆ name VARCHAR(255)
- ◆ price DECIMAL(19,2)
- Indexes ▶

pizza_order
- 🔑 id BIGINT(20)
- ◆ order_id BIGINT(20)
- ◆ pizza_id BIGINT(20)
- ◆ size INT(11)
- ◆ crust INT(11)
- ◆ quantity INT(11)
- ◆ full_price DECIMAL(19,2)
- Indexes ▶

pizza_ingredients
- ◆ pizza_id BIGINT(20)
- ◆ ingredients_id BIGINT(20)
- Indexes ▶

ingredient
- 🔑 id BIGINT(20)
- ◆ name VARCHAR(255)
- ◆ price DECIMAL(19,2)
- Indexes ▶

pizza_order_additional_ingredients
- ◆ pizza_order_id BIGINT(20)
- ◆ additional_ingredients_id BIGINT(20)
- Indexes ▶

Class Diagram

Controller	DTO		Entity	Service	Repository
Pizza	Pizza	x3	Pizza	Pizza	Pizza
Ingredient	Ingredient	x2	Ingredient	Ingredient	Ingredient
PizzaOrder	PizzaOrder	x3	PizzaOrder	PizzaOrder	PizzaOrder
User	User	x3	User	UserService	User
	Order	x2	Order		Order
	Address	x2	Address		Address

DEMO

Thank you for your attention!

- Questions?