# DOMINO'S PIZZA

Final Project - IT Talents Season 14

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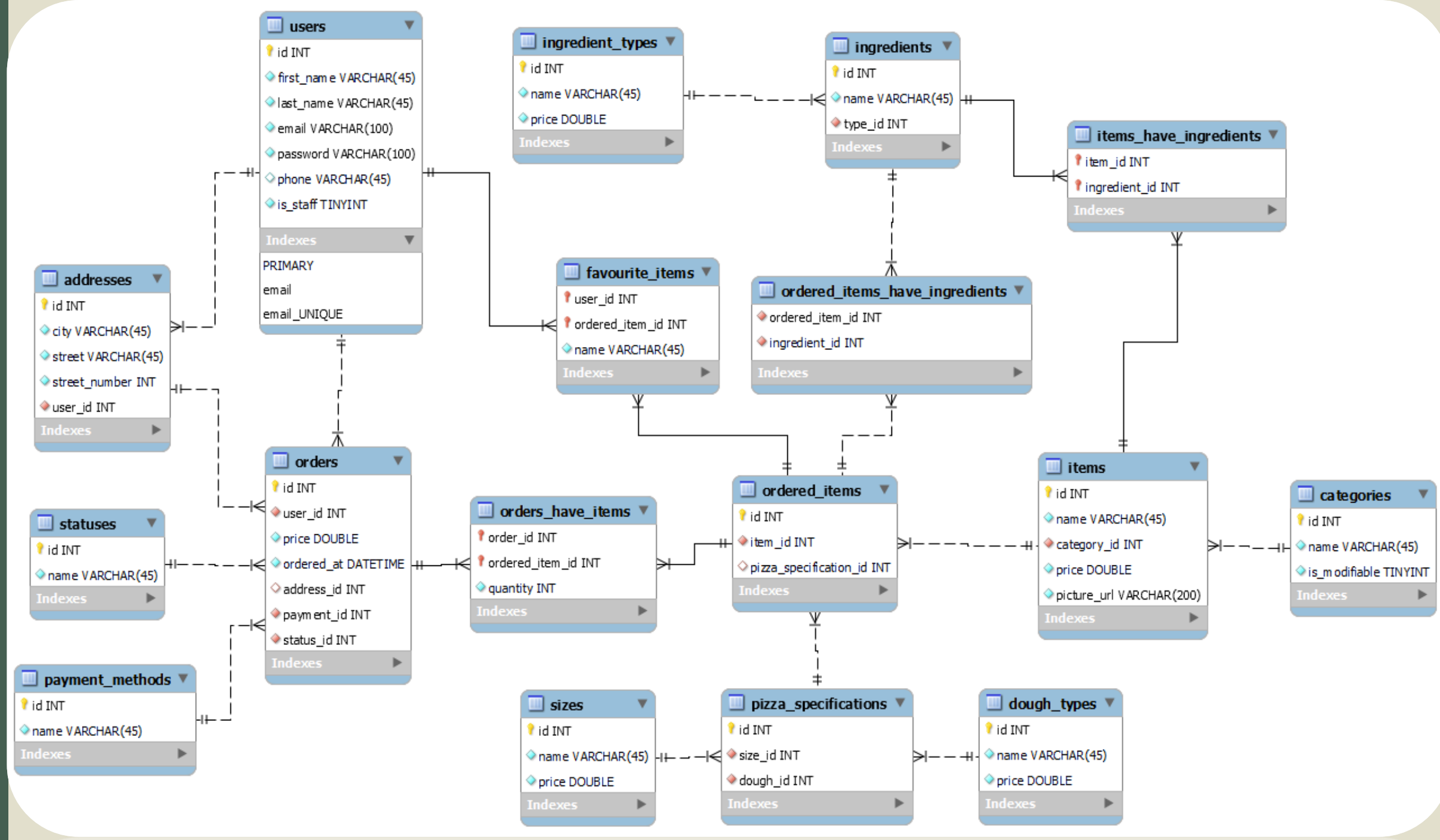
Архитект

# Main Functionalities

- User Registration, Login, Logout, Edit profile, Delete profile
- Managing a list of addresses for each user
- Check menu
- Customize products
- Adding products to cart
- Customize cart
- Make order
- View history of orders
- Change order status (staff only)
- Make your own customized pizza and add it to favourites

# USED TECHNOLOGIES

- Java EE
- MySQL
- Hibernate
- Spring Data JPA
- Maven
- Spring Boot
- BCrypt
- Log4j
- Lombok
- IntelliJ Idea
- GIT
- Postman


users
id INT
first_name VARCHAR(45)
last_name VARCHAR(45)
email VARCHAR(100)
password VARCHAR(100)
phone VARCHAR(45)
is_staff TINYINT
Indexes
PRIMARY
email
email_UNIQUE
ingredient_types
id INT
name VARCHAR(45)
price DOUBLE
Indexes
ingredients
id INT
name VARCHAR(45)
type_id INT
Indexes
items_have_ingredients
item_id INT
ingredient_id INT
Indexes
addresses
id INT
city VARCHAR(45)
street VARCHAR(45)
street_number INT
user_id INT
Indexes
favourite_items
user_id INT
ordered_item_id INT
name VARCHAR(45)
Indexes
ordered_items_have_ingredients
ordered_item_id INT
ingredient_id INT
Indexes
orders
id INT
user_id INT
price DOUBLE
ordered_at DATETIME
address_id INT
payment_id INT
status_id INT
Indexes
orders_have_items
order_id INT
ordered_item_id INT
quantity INT
Indexes
ordered_items
id INT
item_id INT
pizza_specification_id INT
Indexes
items
id INT
name VARCHAR(45)
category_id INT
price DOUBLE
picture_url VARCHAR(200)
Indexes
categories
id INT
name VARCHAR(45)
is_modifiable TINYINT
Indexes
statuses
id INT
name VARCHAR(45)
Indexes
payment_methods
id INT
name VARCHAR(45)
Indexes
sizes
id INT
name VARCHAR(45)
price DOUBLE
Indexes
pizza_specifications
id INT
size_id INT
dough_id INT
Indexes
dough_types
id INT
name VARCHAR(45)
price DOUBLE
Indexes

# CLASS DIAGRAM

2500 lines of code

82 classes

17 days

85 hours

## Controllers

- User
- Address
- Favourites
- Order
- Cart
- Category
- File
- Ingredient
- Item
- Pizza Specification
- Status

## Services

- User
- Address
- Favourites
- Order
- Cart
- Category
- Ingredient
- Item
- Pizza Specification
- Status

## Repositories

- User
- Address
- Order
- Cart
- Category
- Ingredient
- Item
- Pizza Specification
- Ordered Item with Quantity
- Favourite Item with Name
- Status
- Dough
- Size
- Ingredient Type
- Ordered Item

## Entities

- User
- Address
- Category
- FavouriteItemName
- Ingredient
- IngredientType
- Item
- Order
- OrderedItem
- OrderItemQuantity
- PaymentMethod
- PizzaSpecification
- Size
- Dough
- Status

## DTOs

- User x6
- Address x3
- Cart
- Category
- FavouriteItemName
- Ingredient
- IngredientType
- Item x6
- Order x2
- OrderedItem x2
- OrderItemQuantity
- Error

# DEMO

# THANK YOU!