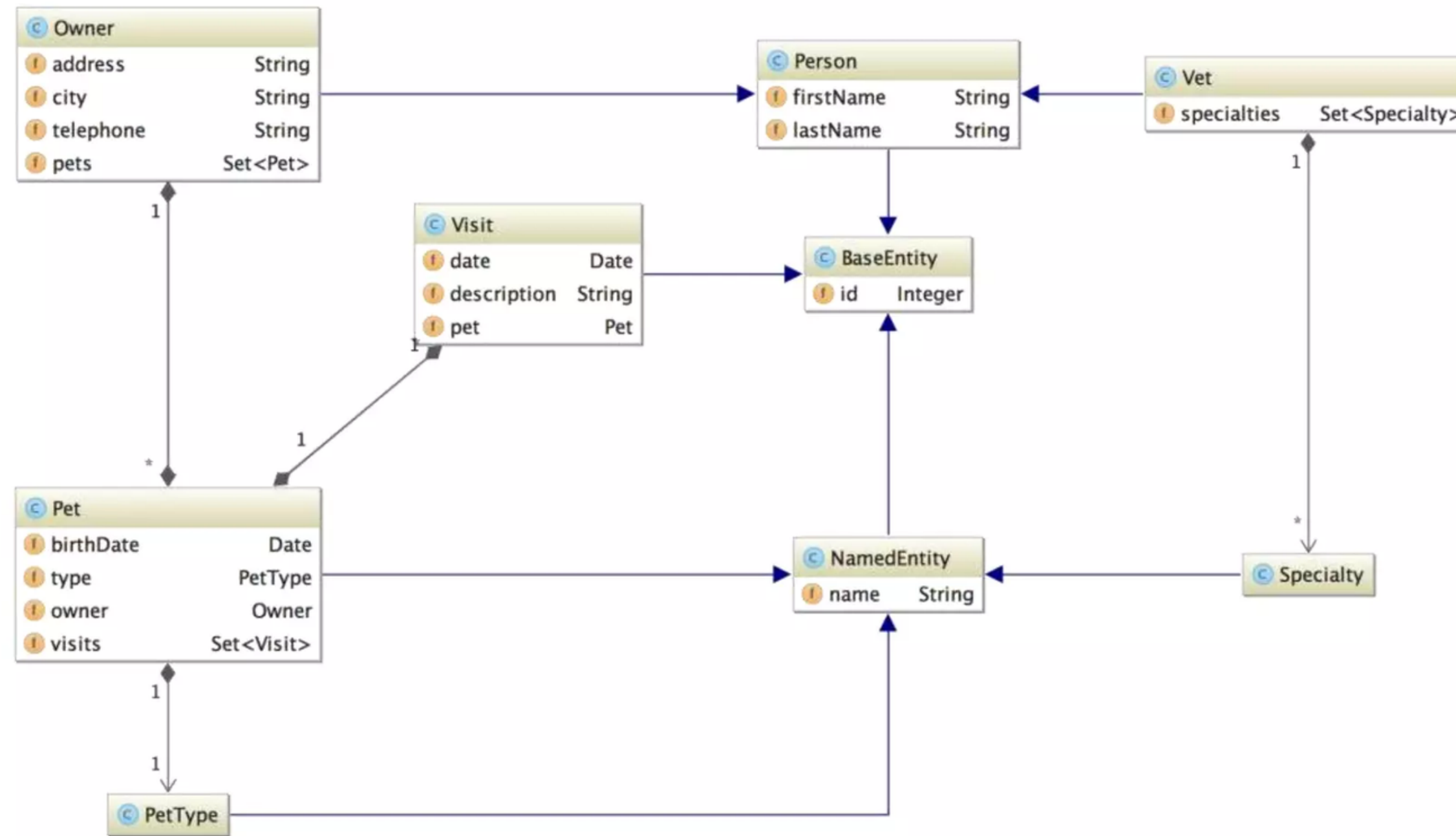




PetClinic

# CLASS DIAGRAM

## Domain Model



# PetClinic

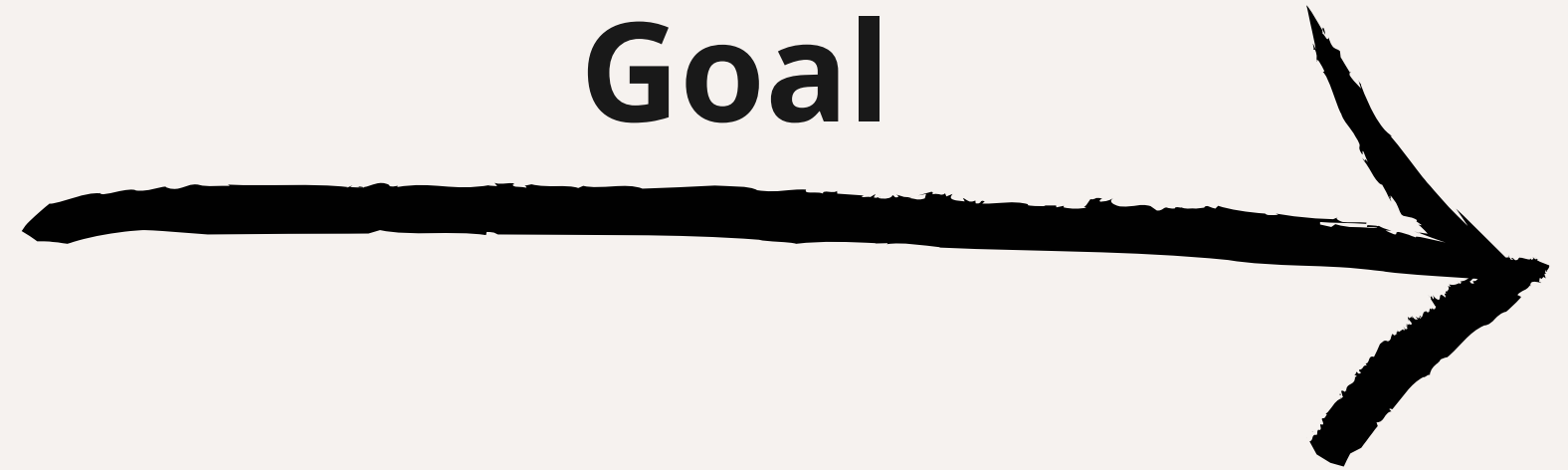
## Description

The PetClinic application is a management system designed for veterinary clinics, providing a variety of features to facilitate the management of pets, owners, appointments, and veterinarians. Pet owners can easily schedule an appointment for their animals with a veterinarian, choosing the specific veterinarian, specifying the date and time, and providing details about the reason for the visit. Both pet owners and veterinarians can view a veterinarian's schedule and upcoming appointments, allowing owners to plan their visits and veterinarians to manage their schedules. Pet owners can provide or update information about their animals, including details such as the animal's name, breed, date of birth, and other relevant information. Both pet owners and veterinarians can access an animal's medical information, including visit history, veterinarian notes, vaccinations, and other medical details. The system administrator has the ability to manage veterinarian information, including adding new veterinarians, updating existing information, and removing veterinarians. Additionally, the system administrator can handle user accounts, including creating new accounts, updating existing account information, and deleting accounts.

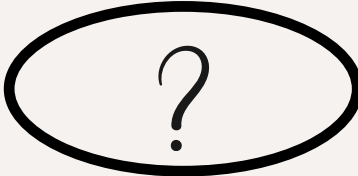
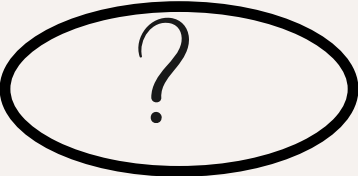
# Source code

[https://github.com/spring-projects/spring-petclinic.](https://github.com/spring-projects/spring-petclinic)

**Goal**



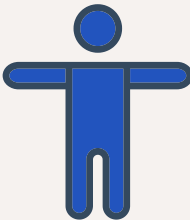
# PetClinic



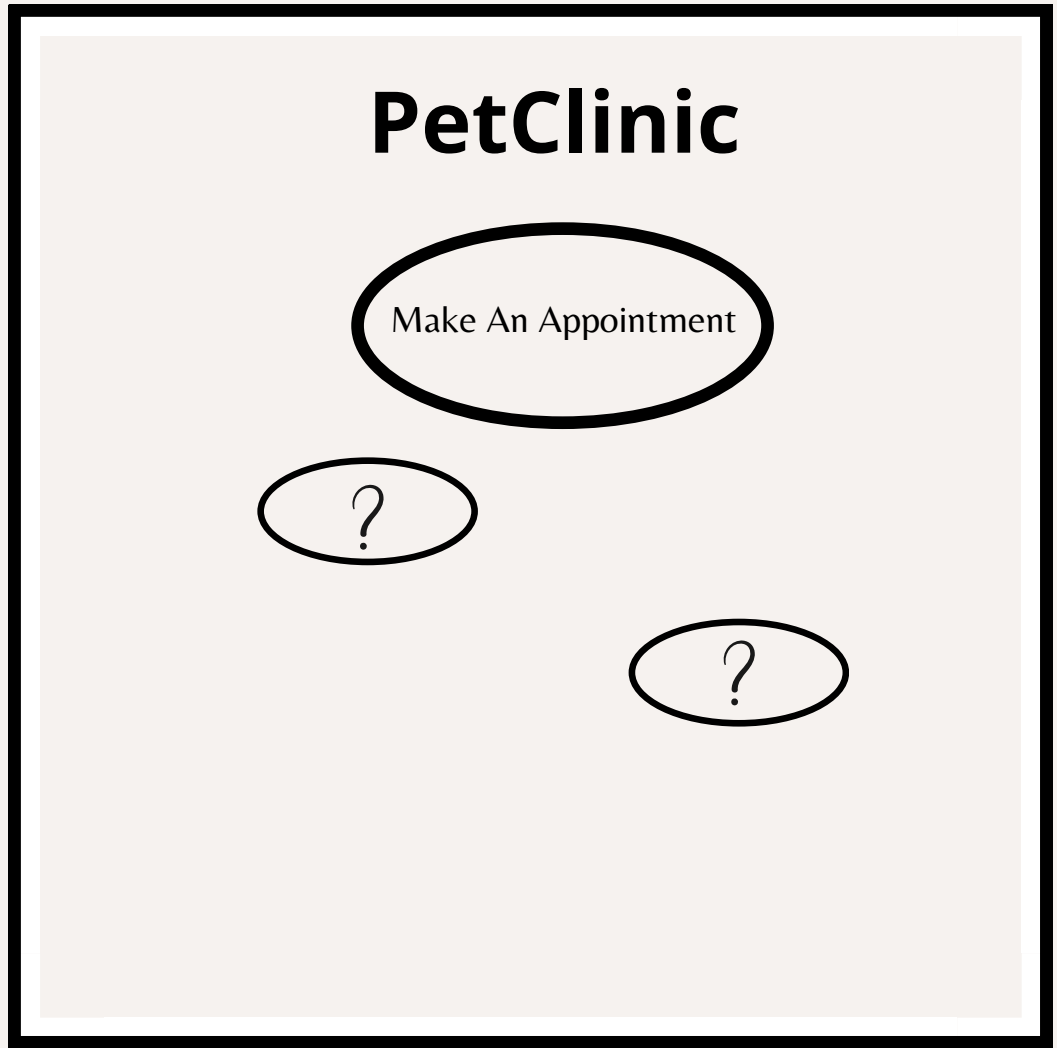
Animal Owner



Veterinarian



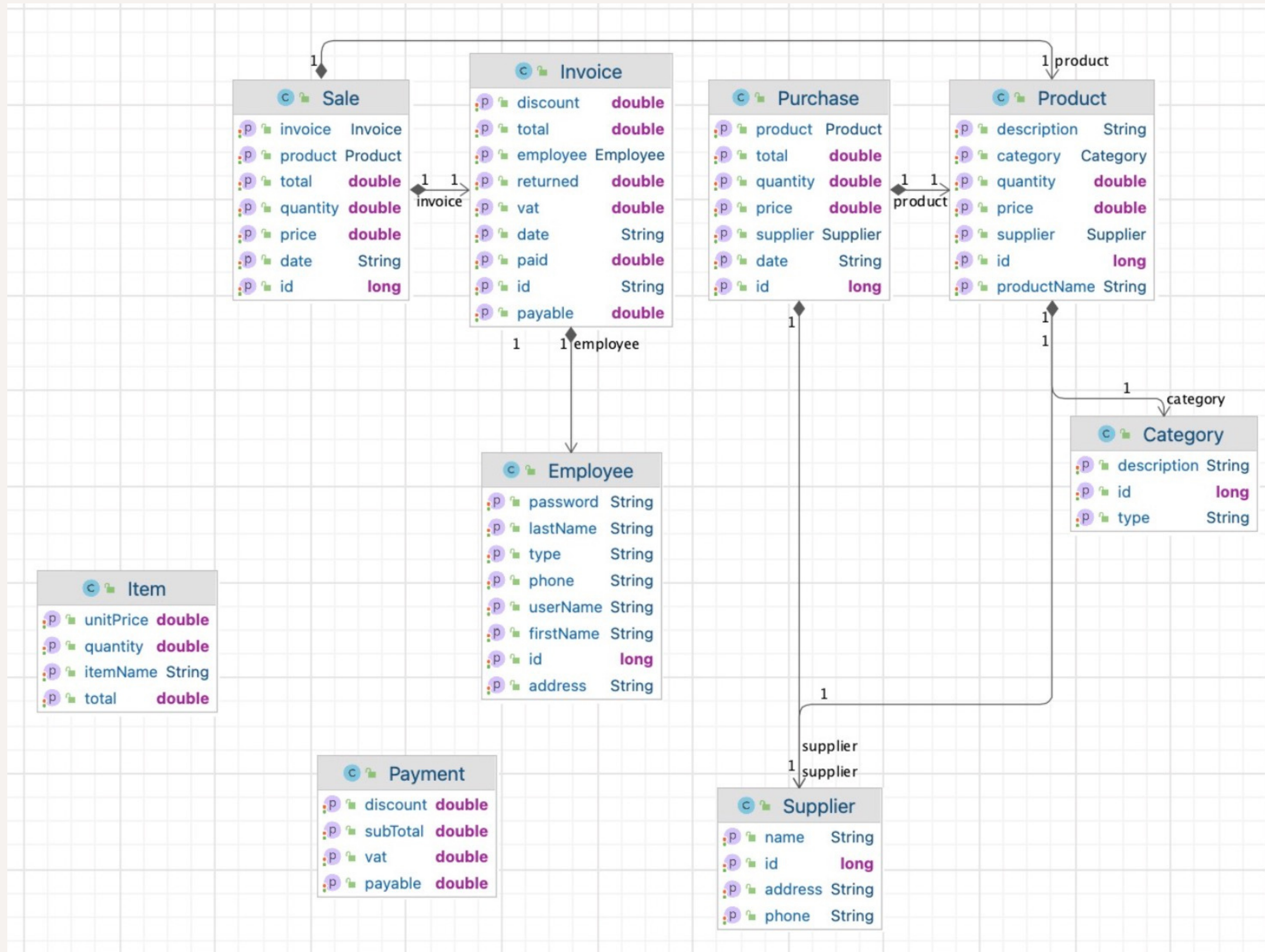
Admin



Use Case	Classes Read	Classes Modified
Make An Appointment	Owner/Pet/Vet	Pet

# Point Of Sales

# CLASS DIAGRAM





# Point Of Sales

## Description

The Point Of Sales application is a comprehensive management system that allows for efficient and easy handling of sales and purchase operations in a business. It provides an intuitive interface to track transactions, manage product inventory, and maintain supplier information.

In the context of sales operations, the application enables tracking of each transaction, applying discounts, managing returns, and calculating VAT. It also offers the capability to monitor employee performance.

For purchase operations, the application allows tracking of purchased products, their quantity, price, and supplier information. It also provides the ability to update the product inventory based on purchases.

Regarding product management, the application maintains a product catalog with detailed information for each product, including description, category, price, and supplier details. It also allows updating the quantity of each product based on sales and purchases.

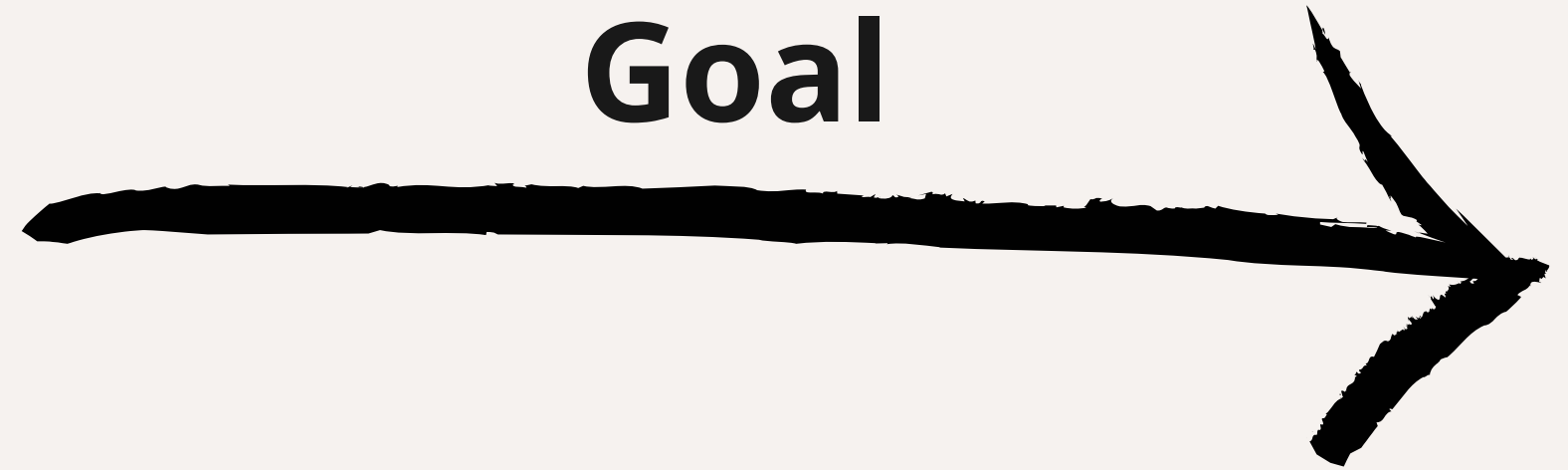
For supplier management, the application maintains a directory of suppliers with detailed information for each supplier, including name, address, and phone number.

Finally, the application offers the ability to provide products to customers based on their demand while updating the product inventory accordingly.

# Source code

<https://github.com/sadatrafsanjani/JavaFX-Point-of-Sales>.

**Goal**





Supplier

**POS**



Employee



Supplier

POS

Create New Sale

?

?



Employee

For each use cases

Use Case

Classes Read

Classes  
Modified

Create New Sale

Sale/Product/Employee

Invoice/Sale/Product