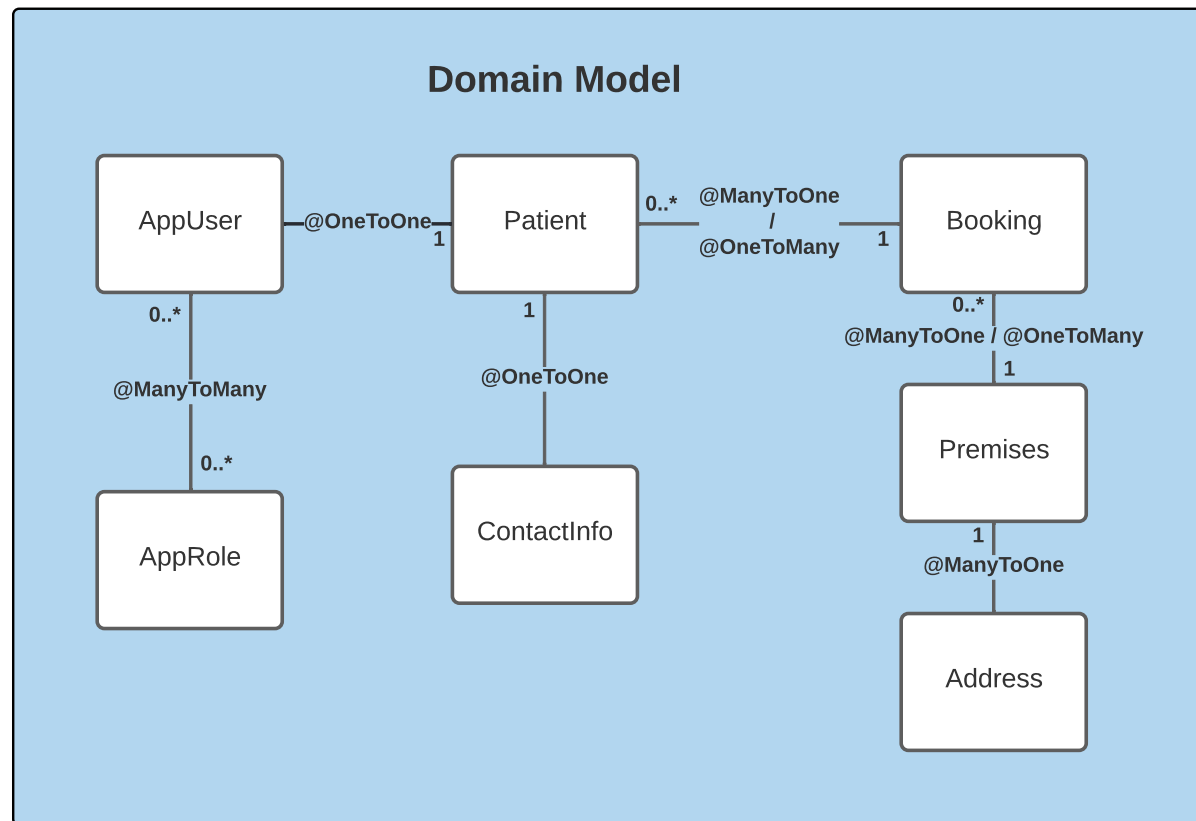
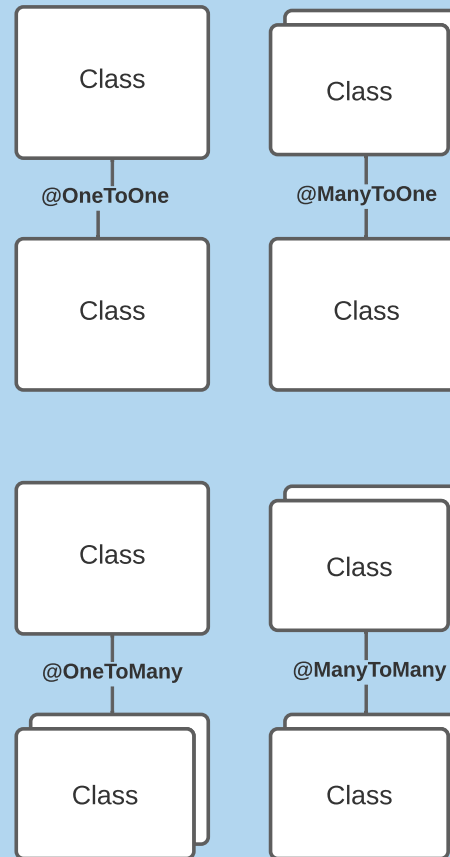


Vaccine Booking



Relationships



*All Relationships can be uni- or bi-directional

**I Recommend using List for @OneToMany
and Set for @ManyToMany relationships

Explaining the Relationships of Vaccine Booking Application

There is always two sides of a Relationship

One Patient have exactly one
ContactInfo



One ContactInfo can have
Exactly one Patient

Many premises can have same
(one) address



One Address can have many
premises

Many Bookings can have the
same (one) Patient



One Patient can have many
booked appointments

Many Bookings can be placed
at the same (one) premise



One premise can have many
bookings

AppUser can have many
AppRoles



AppRole can have many
AppUsers



Web Page

User

Java Program

Controller

Recives request and show
directions

←DTO / or Entities→

Service

Handle the Request Logic

←Entities→

DAO

Handles Request to database

←→

Database

Example

Controller

<<Interface>>
AppUserController

Service

<<Interface>>
AppUserFacade

<<Interface>>
AppUserEntityService

DAO

<<Interface>>
AppUserRepository