

# AIRBNB

Final Project for IT Talents Season 14





Airbnb

# Who are we?



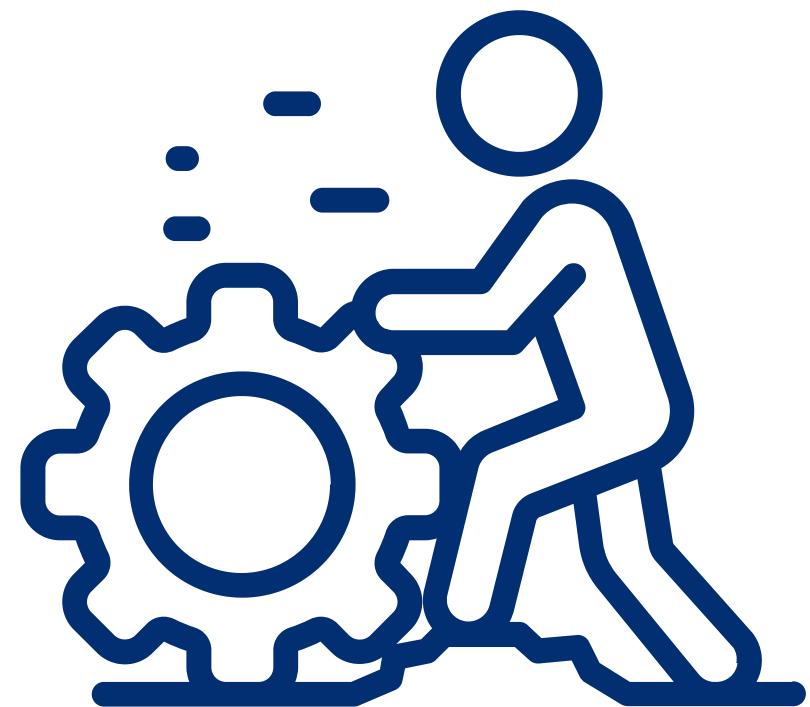
Petar  
Angelov



Blagovest  
Georgiev

The Project in Numbers

# Our Effort



**3400**

Lines of Code

**2**

Weeks

**1**

Broken Laptop

**64**

Classes

Product and Service

# What is Airbnb?

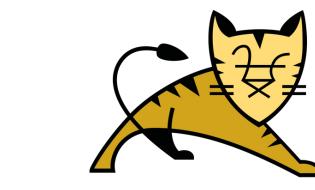
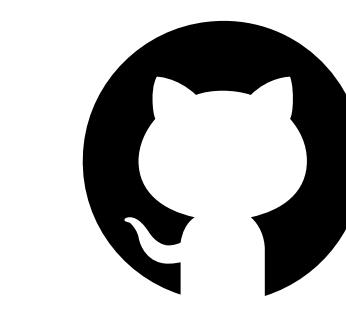
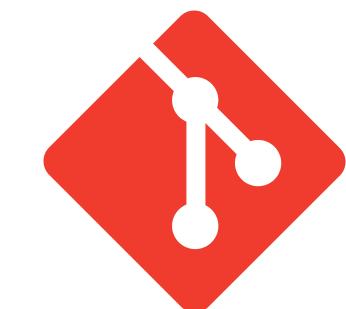
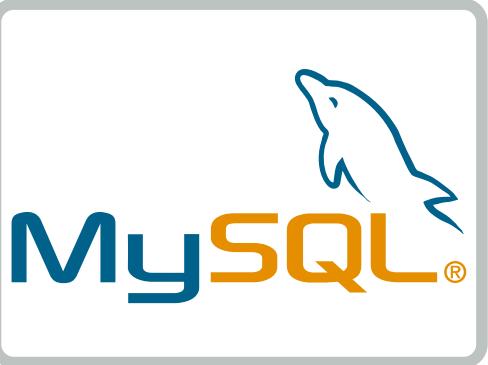
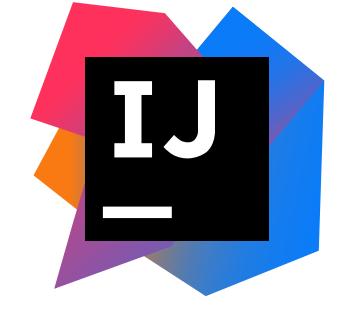
Airbnb is an online marketplace that connects people who want to rent out their homes with people who are looking for accommodations in specific locations.



# Used Technologies



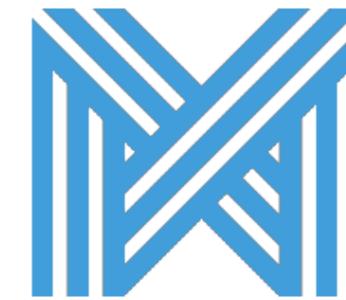
Java



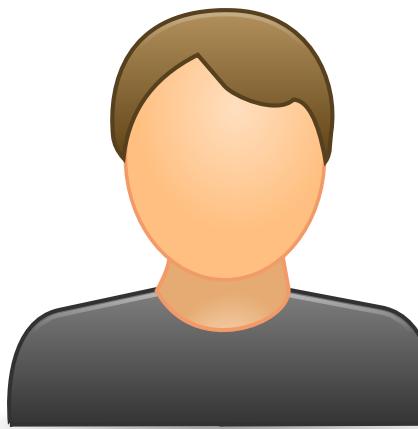
Apache Tomcat



Project  
Lombok



# User



01

Register

02

Login

03

Logout

04

Change host  
status

05

Edit profile

06

Change password

07

Upload profile  
picture

08

Delete profile

# Property



**01**

Create

**02**

Edit

**03**

Get by id

**04**

Get all

**05**

Delete

**06**

Add / Delete photos

**07**

Filter by price

**08**

Filter by characteristics

## Representation in DB

extras
0
834
607
623
312
607
453
123
314
NULL

Request from the user

0101  
1010

Handling in Java  
and storage in DB

Response to the  
user

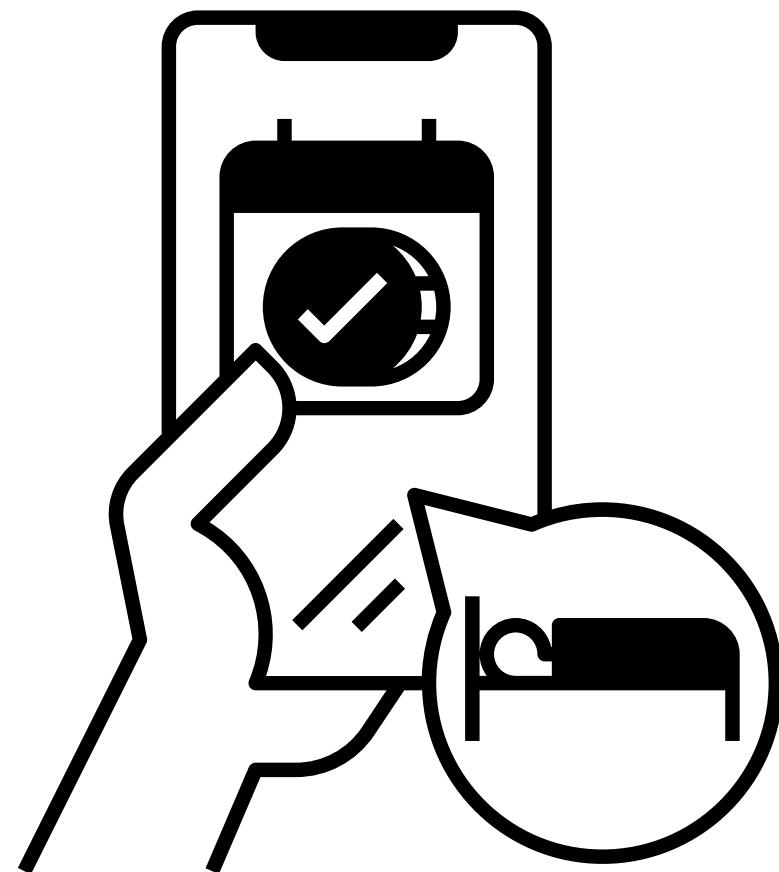
Handling the extras

# The star of the show

## Boolean values

```
[{"hasWifi": true,  
 "hasBalcony": true,  
 "hasAirConditioning": true,  
 "hasWashingMachine": true,  
 "hasDishWasher": true,  
 "hasBabyCrib": false,  
 "hasYard": true,  
 "hasParking": false,  
 "hasKitchen": false,  
 "hasTV": true,  
 "hasChildrenPlayground": false},
```

# Reservation



01

Create

02

Cancel

03

Get all for a host user

04

Get all for a non-host user

# Reviews & Wishlist

## Review

1. Rate and/or comment
2. Get all for a property

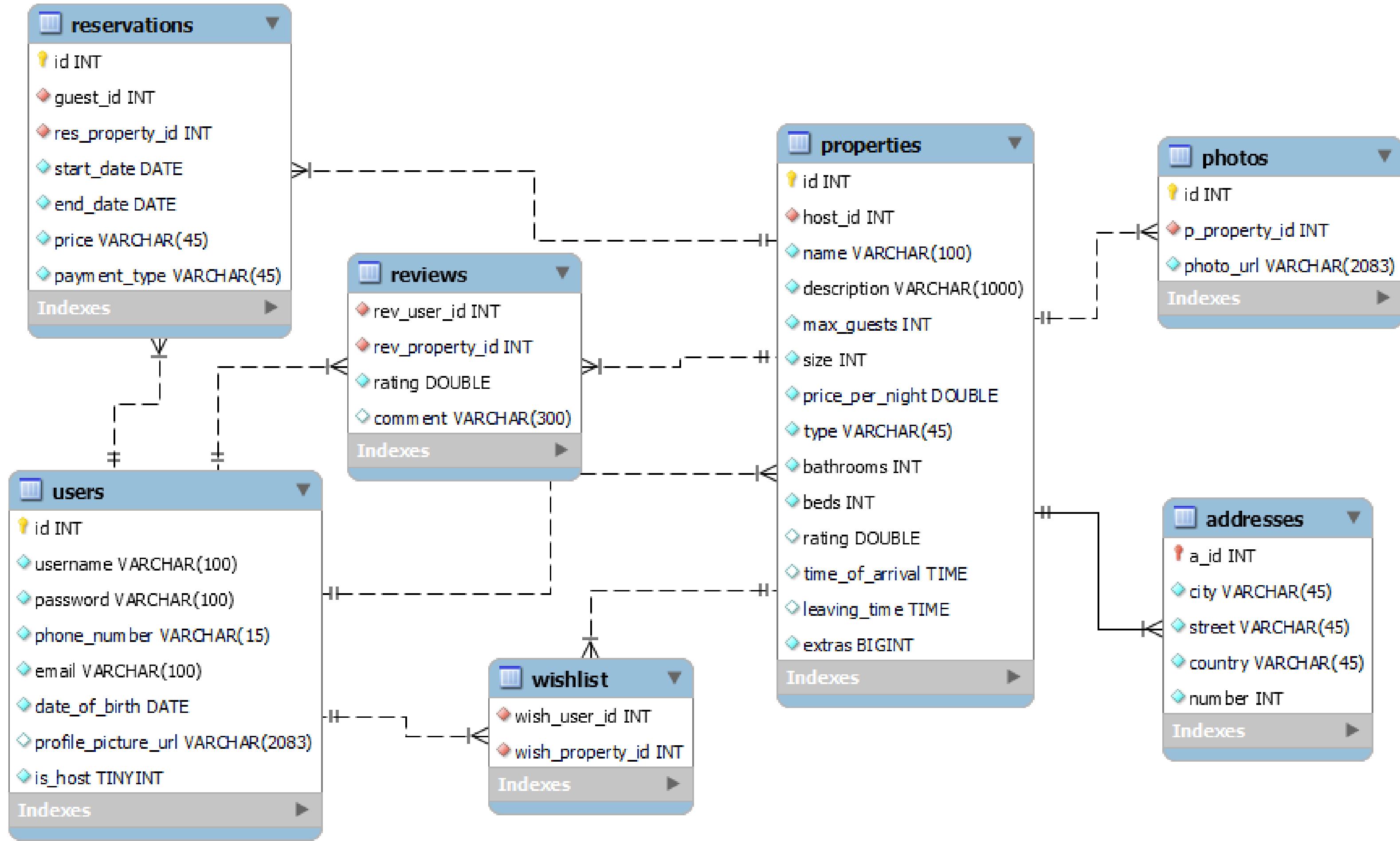


## Wishlist

1. Add property
2. Remove property
3. Get all properties

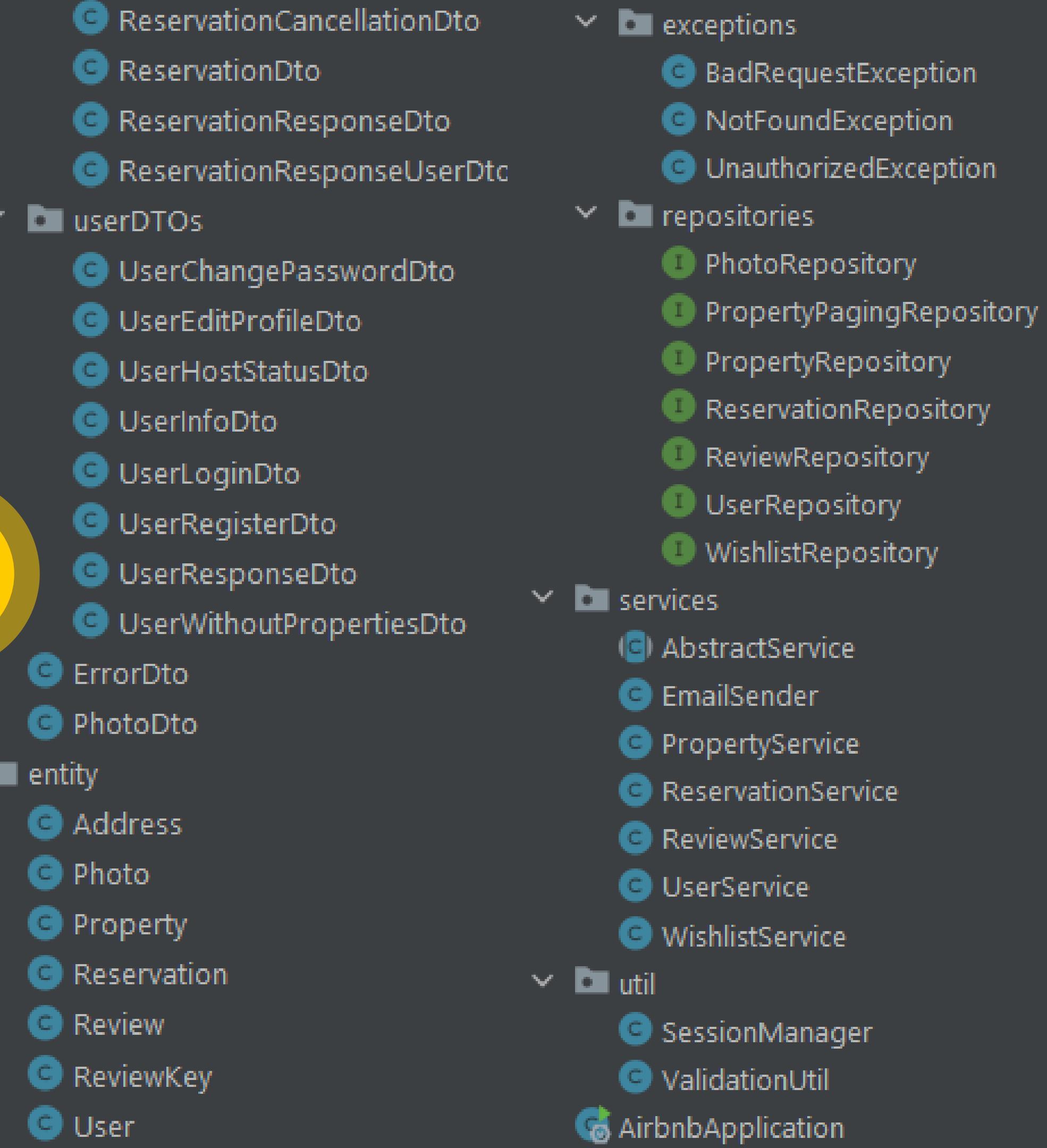
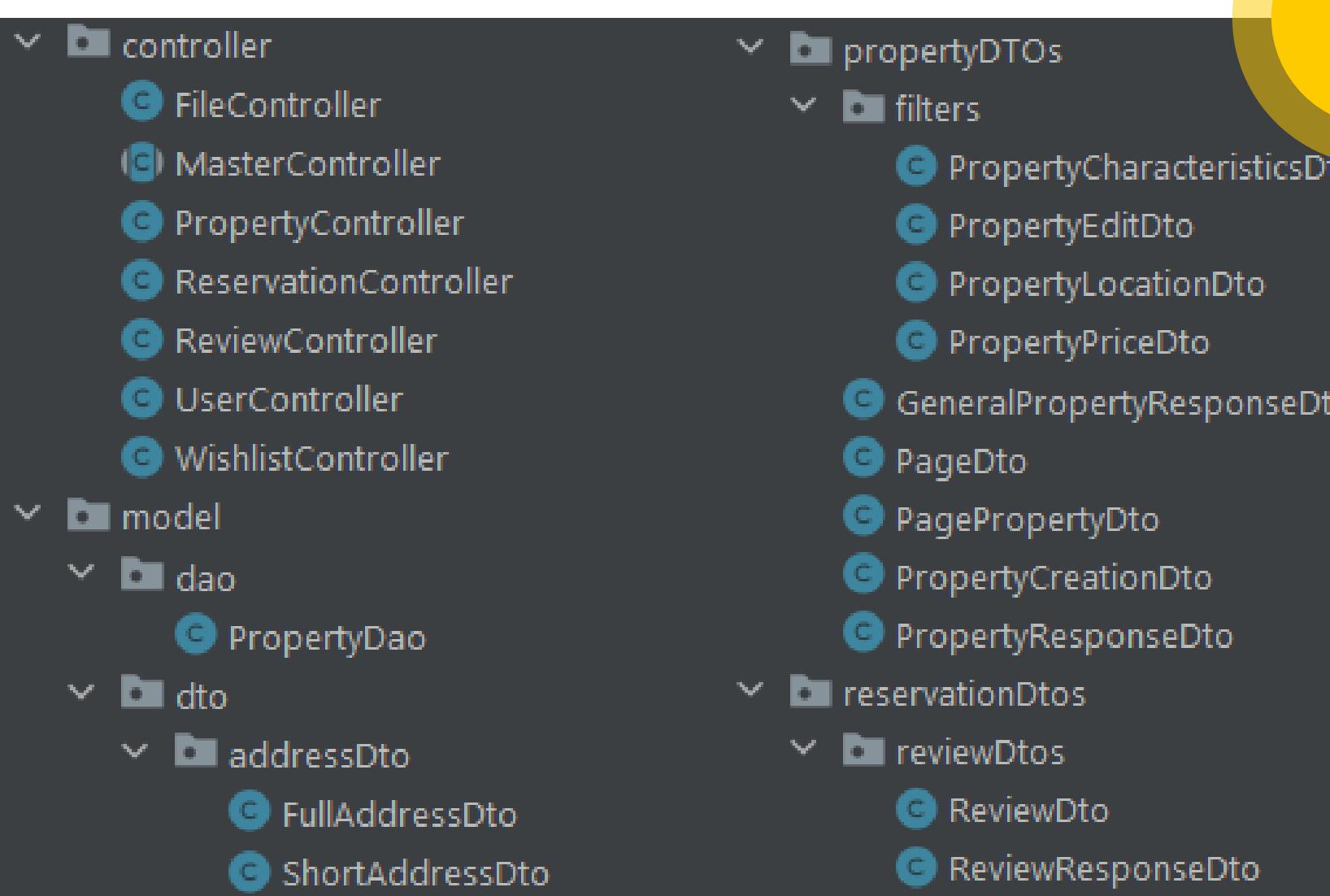


## ER Diagram



The MVC design pattern

# Class Diagram



Enjoy the demo!



# Q&A

We are happy to answer any questions!

