Einzelprojekt

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1 Time spent

Originally taken from my own personal time tracking sheet (txt file).

```
03/05 (2,5h)
17:30−18:00 Einfuehrung
18:00−18:30 Dia ERD
18:30−18:55 SQL Script via H2
19:00−20:00 Coding

03/16 (3,25h)
19:20 − 22:35 Testing and setting up for DAO

03/17 (10,5h)
11:30 − 13:00 Meta stuff (Maven)
14:00 − 22:00 Spring, Testing, Maven, JavaFX, UseCase Diagram

03/18 (9h)
10:00 − 16:00 JavaFX
19:00 − 22:00 JavaFX and Maven integration

03/19 (10h)
10:00 − 16:00 Booking use case (javafx, controller, dao)
18:00 − 22:00 BoxBooking

03/24 (6h)
18:00 − 24:00 Better exception handling and testing

03/25 (10h)
12:00 − 22:00 Testing, Java UI improvement, Image and Stats

03/26 (10h)
09:00 − 19:00 Writing JavaDoc, Testing, Report

Total: 61.25h
```
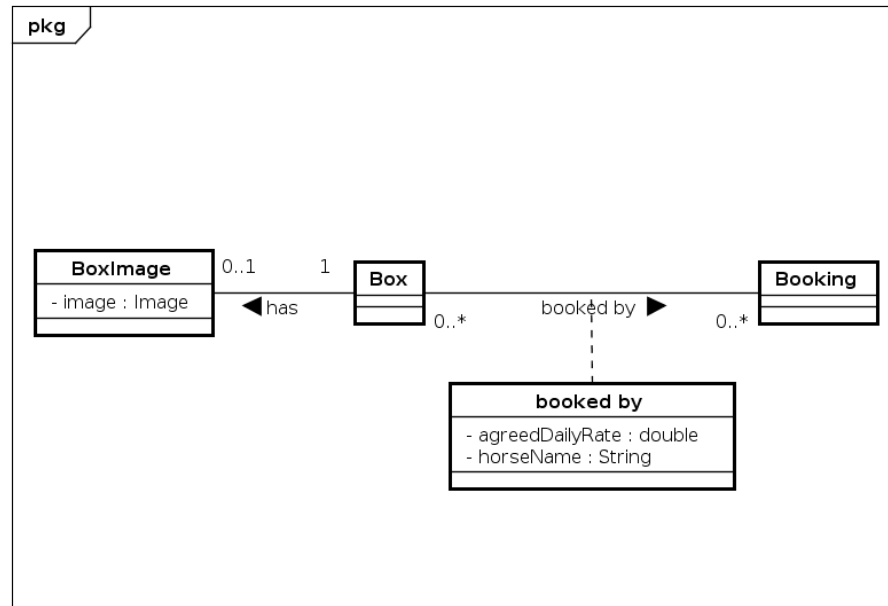
2 Diagrams

2.1 Domain model

This is the final domain model that is also present in the application. The attributes of the box and of the bookings, such as "name" or "area", which are irrelevant for the discussion, have been omitted in the diagram.

It's important to notice that there exists only at most one relationship between a box and a booking, which is the "booked by" association class as seen below. The agreed daily rate floating point number is the rate that has been set in the booking contract. It's true that the prices of the boxes can change, but this won't change the value that was agreed on, thus we do not have to worry about update inconsistencies or other type of anomalies.

2.2   Use case diagram