

Linnéuniversitetet - 1DV407  
OOA/D - Workshop 1 - Peer review  
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# Workshop 1

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## 1. Readability

### 1.1 Understanding the system (a secretarys point of view)

We tried putting on the secretarys glasses to take a look at the model<sup>1</sup> and our thoughts are as follows. The main portion of the User part is easy to understand, however when looking at booking boat space it's a bit hard to understand what's really happening without being a programmer.

Move the 3 first methods/attributes from the Booking class to the boat class (see 1.2). Adding +meth() is redundant since the method from a programming class is an attribute in the domain model.

### 1.2 For implementing the system (a developers point of view)

We think the model is quite clear when looking at it from a developers point of view. We can clearly determine that every user has a login and that different users can have different roles. It's also very clear how the relation between boats and users look like. The first 3 methods in the Booking class (Remove Boat, Alter boat, Register) should probably be moved to the Boat class since they change the attributes of the Boat class. The attributes from the domain model are supposed to be methods in the programming class so adding +meth() doesn't add any value to the model attribute.

The last part (Event and Calendar) feels a bit unclear in relation to the booking class. Is an event supposed to be handled at the dockage location, as well as the date of payments and members fees? Or is this functionality generalized in the booking class?

## 2. Strong points and weaknesses

### 2.1 Strong points

- You have done a very good job when it comes to readability and easiness to understand, from a secretarys point of view. For example what role is required for a specific method in the system.

### 2.2 Weaknesses

- We feel that the calendar relations are a bit unclear when it comes to events not related to the booking of a boat space. Or perhaps the reasoning behind these classes are to combine the dockage space and other events in the club? In that case the relations need to be clearer. We would like to see some kind of specialized class for the dockage.

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<sup>1</sup> <https://docs.google.com/drawings/d/1UH5L5B1f4tFVSpt7Leeidxq0cMMKxX9oUu1AoqllMLY/edit>

- We feel a bit confused about the difference between the Event and Calendar class, our interpretation is that the Event is related to the booking of a boat space. If not, you have two classes basically doing the same thing.
- Also the relation between the User and Booking forces all members to have a boat registered. What if for example the secretary doesn't have a boat?

### 3. Conclusion

#### 3.1 Final verdict

We think that this model passes for the grade 3 criterias, with some minor adjustments to the relation between calendar/bookings(dockage) and events. It should also be a bit more clear what's really happening between the Booking/User/Boat and Event class.