

Workshop 1

Peer review regarding Ola Franzén groups domain model. ([Link](#))

As a developer would the model help you and why/why not?

Yes, the existing classes are good and relevant real-world classes [1, chp 9.5]. But the model may be a little simplistic and a few more could probably be added. For example a class Calendar which the existing class CalendarEvent would have an association to. The requirements say that the secretary will manage the club calendar and not just posting events.

All in all, a developer we would definitely be helped by the model since it shows the most important class and how they are related to each other.

Do you think a domain expert (for example the Secretary) would understand the model why/why not?

Yes, a domain expert would have no problem understanding the model since it's very simple. He might find it hard to get a clear picture though since it seems some parts of the system is missing.

The associations that exist are good but could be a little more specific. For example it says that a member owns boat but doesn't have any multiplicity notation. But then the Boat has "one" and BerthAssignment "many" indicating one boat could have many BoatAssignment which seems a bit odd. The use of multiplicity notations doesn't feel so consistent. The model is understandable but with a little more effort and details in the classes and associations would do good.

What are the strong points of the model, what do you think is really good and why?

Good classes, names and associations, hard to misinterpret.

What are the weaknesses of the model, what do you think should be changed and why?

Initially it's a bit hard to grasp what it's about, for example there are class User, Member, Secretary with various associations but what is a User a part of? Is it a book club, a community or a boat club? We are thinking there should be some central class representing what the model is about, like in the examples in Layman's book [1, chp 9.15].

The overall impressions feels that it's a little bit too simple and not very consistent. We think that some more specific descriptions of the classes with use of attributes would be in place.

Some important classes are missing like the calendar.

Do you think the model has passed the grade 2 (passing grade) criteria?

Possibly, but we think it's a little bit too simple and a few more classes are needed to support the problem description.

References: 1. Larman C. Applying UML and Patterns 3rd Ed, 2005, ISBN: 0131489062