Workshop 1 – Domain Modeling
Review on Sabina Rosendahl's Domain model
By Julia Källberg

Boat and berth management – feedback

There is no need for the BoatDetails class because a description class is only necessary when the description is still needed even after deleting an object. In this case, if the member removes his/her boat, there is no need for the description of that specific boat, which means the details for the boat would be better as an attribute in the Boat class. (1)

Calendar management – feedback

A list is a noun and I see it as a class more than I see it as an association, because an association is more like a description of how the classes is connected. Also, a time interval attribute could be necessary, to show what determines what calendar events that should be listed, and an attribute can only be put in a class, not in an association. (2)

Other feedback

I think that you should include the authenticate use case, because the authentication is a separate part of the system that will be built and should be modeled so that the part can be understood before it is built, just like the other parts of the system.

The naming of the classes and the associations is taken from the use cases which is really good, because that makes the understanding of the models easier for all parts. You have two association names that shows that it is associations, "Describes" and "Contains". The problem with the other names is that they aren't in "does-format", instead they are in "do-format". For example, if you read the classes and the association directly, "1 secretary manage * calendar event(s)". A more proper sentence would be "1 secretary manages * calendar event(s)". I don't really know if that is something that actually is a "problem", but I believe it is easier to read the model if the inflections? (böjningarna) of the words makes it a proper sentence.

The models are good and easy to read because they are not too complex with too much information and does not lack of any information that is important to understand the system (except the things mentioned above, which is not much).

I think the model(s) has passed the grade 2 criteria because the requirements for grade 2 is fulfilled.

References

All references are chapters from the book:

Applying UML and Patterns: An Introduction to Object-Oriented Analysis and Design and Iterative Development, Third Edition - By Craig Larman

(1) – 9.13. Guideline: When to Model with 'Description' Classes?

(2) – 9.14 Associations