Peer-review

Workshop 1 grade 2
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First of all, we think that the diagram is very well structured and easy to follow. You have used most of the multiplicities right but we think that the one between Boat and Variable fee should be 1-1 not 1-0..1, can you have a boat in the domain but not pay for it?

On the topic of fees we think you have gone a little to far with the fee classes. A domain model should be simple and straight forward - do you really need to expand a fee class into three smaller ones? Same goes with the User class, this class does not bring anything new to the table. As long as you are inside this domain you can only be a member, secretary or treasurer so we think you should remove the User class, since that class is more about implementation rather than a domain model.

The Booking, Event and Berth assignment ledger class should be removed as we think these are software objects and as Larman states in [1, p134], "The term Domain model means a representation of real-situation conceptual classes, not software objects.".

Some of the associations between classes should also be changed as Larman states in [1, p152], "Name an association based on a ClassName-VerbPhrase-ClassName format where the verb phrase creates a sequence that is readable and meaningful". Here we think of the verbs between Boat to Booking and Booking to Berth, "Boat gets Booking" sounds wrong and has little meaning. The "of" between Booking and Berth sounds good but as Larman states in [1, p152] "Simple associations names such as "Has" or "Uses" are usually poor."

As this domain model is well structured and uses good attributes, it will certainly aid developers when they start working on class diagrams. We also think that the domain model will make sense for the domain experts.

We think that Fredrik's Domain model will surely pass grade two.

References

[1] Craig Larman. *Applying UML And Patterns Third Edition.* Seventeenth Printing 2005.