

Peer review (group) nj222dt

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

Absolutely. It is a great visual introduction for a new domain. B think it would be nice to show resp. name of the models. Do you agree? I have read the requirements, and is familiar with this domain, but if I gave this domain model as an "illustration" to another person it would not be so obvious without the name of the model.

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

For me is a domain expert not a developer. And because of that my answer...
Yes I think that's possible. I have seen some models for this domain. I think your's of more advanced nature than several others. It's great for the developers, but you are using many attributes so I think this makes a little bit more "clutter". Maybe more than you actually need for an easily and understandable domain model?

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

I really like that you divided your domain into two domains. I didn't....

You've used Data Type Classes in your domain model (Size). I think your solution is really great in several ways. A boat must have enough space in a berth. I think this makes it easy to design later.

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

Multiplicity that shows how many instances of a class that can be instantiated makes your model easier to understand. I think you should consider to use them.
(Larman, fig 9.11)

Avoid to show not needed attribute. Do you really need attribute Image in this domain?
(Larman, section 9.16)

Consider to create a EventDescription class instead of the attribute Description in the class Event.
(Larman, section 9.13)

I don't understand how this domain model makes it possible for a member to add a boat etc. Maybe you should consider using a class BoatRegister that is accessible for members?

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

This domain model is ok for the requirements of grade two!
But I think it is a good idea for you to step by step walk through all the requirements and see if something is missing. Above I mentioned that I don't really understand how this model makes it possible for a user to add a boat etc. (see usecases 4 and 5)

References

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