

# Workshop 1 – Domain Modeling

## Review on Daniel Abakumov's Domain model

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### Feedback

“Think like a map maker”. Do not add things that doesn't exist, like for example “List of members”, and do not make assumptions, because then you will add things that shouldent be in the model and things that the system shouldn't have. Only use the information that already exists, like the information in the use cases. (1)

The most names of the associations are good, but has and is should in most cases not be used. Instead you should try to find a name that describes the association better. (2)

In some of your classes you have added attributes that are not attributes in a domain model class, but methods in a software class. (3) (4)

Your naming of the classes are very good, because they are taken from the use cases, which makes the model easier to understand.

All requirements of the system doesn't have to beong to the same domain, so a good thing could be to divide your model into maybe two or three models, where the models only contains classes that belongs to that domain. Too much information in the same model gets a little complex to read and understand, and putting all parts into one domain can result in skipping classes in your model that are important for the understanding and the functionality of the system.

I don't think the model has passed the grade 2 criteria because the model isn't really a domain model right now, but with a few changes to the model it will become more like a domain model (5) and fulfill the requirements for the passing grade.

## 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: Think Like a Mapmaker; Use Domain Terms
- (2) – 9.14. Associations → Guideline: How to Name an association in UML?
- (3) – 9.16. Attributes
- (4) – 9.2. What is a Domain Model → Definition: Is a Domain Model a Picture of Software Business Objects?
- (5) – 9.18. Conclusion: Is the Domain Model Correct?