Workshop 1 - Domain Modeling
Peer Review of Sebastian Svensson (ss222tb)

First of all I want to make it clear that I took the references from a PDF version of the coarse literature because I have the physical book stored in a box on a farm somewhere. That means that the page numbers might not be the same as in the physical book, unfortunately. The chapter numbers should still be the same.

As a developer would the model help you?

Yes, it would. The conceptual class model is overall a well representation of the real-world domain, apart from some exceptions. There is indeed an identification of the concepts, attributes and associations that considered noteworthy (Larman, 2004, p 43, chapter 1.5).
Though, the class "Handle" in this domain model doesn't really benefit the visualization of the domain model, and the attribute in a conceptual class should generally be data types, such as number, boolean, character, string or enumerations (Larman, 2004, p 260, chapter 9.16). I would say that the class "Handle" is described well enough in the requirements and it's not necessary in the domain model.

Do you think a domain expert would understand the model?

Yes, they probably would, but there are still some objects that are software classes rather than conceptual classes and should not be visualized in the model of the real-world domain (Larman, 2004, p 44, chapter 1.5). The conceptual perspective should describe things in a situation of the real world or domain of interest, Larman says. The authentication part of the conceptual model is not really a part of the real-world situation; it's describes well enough in the requirements.

What are the strong points of the model?

The domain models conceptual classes is named well to give a good representation of the real-world domain.

What are the weaknesses of the model?

Not much to complain about. If the authentication part is to be removed, because it's more of software classes in this domain and is already well described in the requirements and the use cases, the conceptual model is really good.
The biggest weakness for me personally, is the association between Secretary and Berth. I believe that the naming could be better to conform with the real-world domain. If the association name would be "Books" instead of "Reserves", it would have been clearer to me.

Do you think the model has passed the grade 2 criteria?

That's not my job to decide.

References

Larman, Craig. (2004). *Applying UML and Patterns: An introduction to Object-Oriented Analysis and Design and Iterative Development, Third Edition*. Addison Wesley Professional