1dv607 - WS1 Peer Review - for tn222gf by lw222ii

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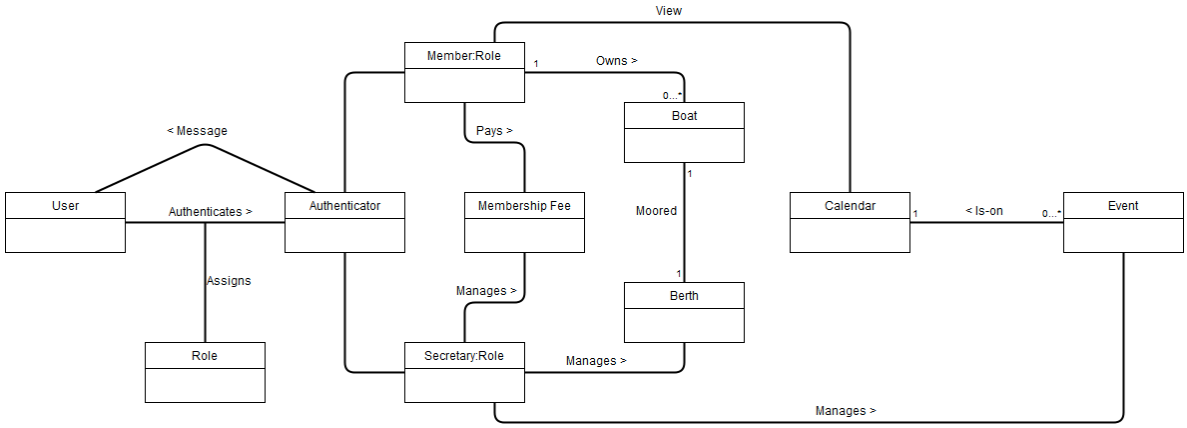

For a developer this is a clear overview of the project and important associations that are likely to be required in the program. Most of the naming is in accordance with the real domain and would therefore be possible for an actor within that domain to understand. Multiplicity is included with several of the associations and matches the requirements. I.e. a boat can only have 1 berth and there can be no or many events in the calendar. “Moored” is an excellent use of a domain term that, whilst not in the descriptions, fits with the real world and map maker criteria.

The word choice of “Authenticator” instead of “Authenticate” strikes me as unfortunate and leaning more towards the name of a software class rather than a domain term. If interpreted as a domain term, that would indicate that “Authenticator” is a role at the yacht club like secretary or member. I believe this does not follow Larman’s guideline of “Think like a map maker” [1. Ch 9.10]. Similarly, the message association between User and Authenticator seems to be more of the software class rather than domain term. Considering guidelines for Associations, Larman [1. 9.14] it’s also suggested that association should be used when the relationship needs memory. Looking at the model, my interpretation is that the message would not need to be remembered as the Role is Assigned by the authenticator.

Overall I think the strength of the model is the logical flow of associations and clear idea of important relationships. Main weakness is a lack of attributes as these could add clarity for both developer and domain experts as to how the model would fit with requirements.

Regarding Grade 2 criteria I would argue that the Treasurer needs to be present in the model in order to pass criteria. Since Authentication is with the delimitation and Treasurer is a possible Role, it should also be included.

1. Larman C., Applying UML and Patterns 3rd Ed, 2005, ISBN: 0131489062
    1. - My edition of this book does not contain page numbers, instead Chapter references with dot section notation. So Ch 9.1. = Chapter 9.1 Example