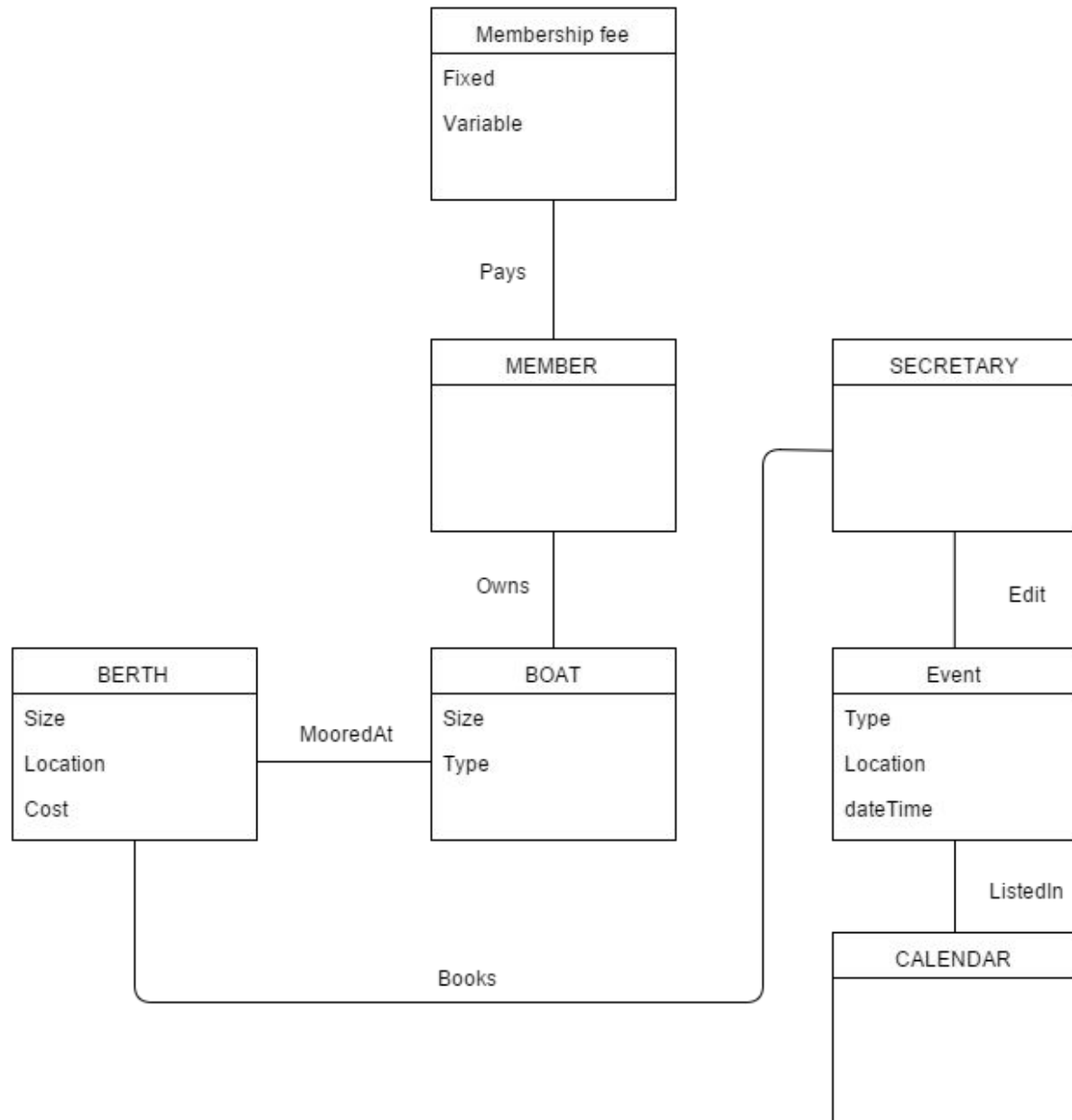


# WORKSHOP 1



## Comments

### *Associations :*

Some of the simpler associations are quite self-explanatory, as Member-Boat, Boat-Berth and Member-MembershipFee. These associations exist because we need to be able to track exactly which Member owns which Boat, which boat is moored at which Berth etc.

The association between Secretary and Calendar may not be as important but we feel it may be useful to track which Secretary has added/edited a certain event to help track down errors or mistakes.

We can also comment on the lack of certain associations. We do not believe that there is a need to associate Member with Secretary (as feedback has suggested) as we can't find any noteworthy relationship that needs to be mentioned nor tracked<sup>[1]</sup>.

Same goes for Membership Fee which relies on what Boat and Berth is owned/booked, the information is available but there is no need for an association for the same reasons mentioned above.

### *Concepts:*

We have extracted Event from Calendar instead of using event as an attribute because according to C. Larman<sup>[2]</sup> an attribute should be a description in the form of a number or text, if it isn't it should be its own concept. We feel that this is applicable because "Event" would need to contain attributes of its own to be complete and it cannot be described as a number or text in the real world.

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<sup>1</sup> Larman C., Applying UML and Patterns 3rd Ed, 2005, ISBN: 0131489062, chapter 9.14

<sup>2</sup> Larman C., Applying UML and Patterns 3rd Ed, 2005, ISBN: 0131489062, chapter 9.12