

## **Change log for Class Model Diagram**

After we checked our peer reviews and the advice they gave us, we made some changes on our model. We went through the book again to make sure that the arguments that were in the reviews were correct.

1. We have fixed the association lines that were crossed mistakenly between four conceptual classes (Berth, Calendar, Secretary and Member).

2. We corrected the verbs that describe the associations between the classes and renamed them correctly.

3. We added attributes to some classes which we missed earlier due to our misunderstanding of the requirements:

- membership fee was included as an attribute to the class Member where the member pays his registration fee. We chose to make this an attribute to the member class, since Membership Fee doesn't have any requirements or extra attributes itself to justify making it a conceptual class on its own.
- The class Boat now has more specific attributes instead of the general 'Boat Details' we had first. It now contains 'size', 'type' and 'image' as attributes.
- The class Event now has time-related attributes (startTime and endTime), to meet the requirements.

4. We rearranged the position of every class to make the association of classes presented in a clear flow.

5. Based on what is written on page 150 in Applying UML by C. Larman, we handle the registration of berths as an implied register when the secretary assigns the berth. There is a need to keep the assignment of the berth in a sort of memory, because we want to know how many berths are still available for booking. Also, the association between boat and berth implies that a memory is needed to register which boat has moored which berth. These associations also meet the requirements for government authorities, since by defining these associations, a memory / history is kept between those classes.