Peer review Emil Axelsson

Opinons on running the program

* Ask about number of boats but you could only write information about one
* Boat length in meters but only integers acceptable, could not use 3,5 for instance
* Added boat to existing member, no instructions on what number represents what boat type
* No exception handling when trying to input strings when an integer is expected
* Cant delete member

Program runs in eclipse directly. When ask about boat type it states choose a number between 0-4 but if the input is another number it accepts that but an error occurs when the boat is being created by the program.

There are a lot of static methods in the program. We think the edit member method is a bit too long, could have been refactored to several smaller methods. The Register class in the model package has a lot of print commands which belong in the view package.

There were no instructions to run the code but that was not needed.

The UniqueID process works fine but the number is very long and is used by the user in the program. Difficult to use.

The standard of the code was very high. We especially like the serialization of members and boats. The quality of the naming was mostly good, there was a few exception: some methods names where in Swedish. The method naming standard says that you start with a small letter and other words should start with capital letters. In this program underscores are used between words instead. There was not any duplication nor dead code that we could find.

The class diagram is a bit messy. Many of the classes is connected with “uses” which is pretty obvious and unnecessary information. The diagram is badly constructed and unnecessarily complicated. The associations are correct. The class diagram represents the implementation correctly although the diagram could have been designed better.

If we had just seen the class diagram we would have information enough to know what classes should be used and what classes is connected to each other but it would have been difficult to know how to plan the program.

The best part about the implementation is the serialization and the very high coding standards.

The best part about the design is the clear MVC pattern.

The biggest weakness in the implementation is the small errors, like exception handling.

The biggest weakness in the design is association naming in the class diagram and the overall structure of said design, which is a bit messy.

We think this design/implementation clearly passes the grade 3 criteria.

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