

Workshop 2 peer review

The program as it stands doesn't seem to work for us. We started the program and selected the first option to add a member. After filling a personal number and a name, we tried to select Show member. The output we got was the same menu with the add member, show member, add boat, show boat and exit. The other options didn't work as well except Exit. We cannot be sure that the register is working, since we couldn't figure a way to display the members from the code.

The class diagram is missing most relations. You can try and look at lecture 6 to see what arrows to use.

Sequence diagrams are understandable, but vague and do not cover all of the requirements.

Quality of the implementation/source code

The code is well structured and uses good naming. The variables and methods follow the rules of camel casing and are self explanatory. Where needed you have provided comments, which help navigate the code easier. The implementation of XML is a good idea given the requirements.

Quality of the design

In our opinion, the program follows the Model-View-Controller software approach. There are no hidden dependencies or static variables. Encapsulation is kept and there are no classes with high cohesion.

The diagrams would help to understand the basic functionality of the program. Since there are uncertainties around the class diagram, we think that a developer would have limited use of it.

We think that the use of XML is very wise. The design is inspired by the domain model and the code looks nice. In our opinion you showed good understanding of the MVC model. However, the main task of the laboratory work was to create a membership register and we didn't see the functionalities of one. It seems as if you didn't have enough time to finish the task.

At this stage we think that you do not meet the requirements for grade 3.