Workshop 2 – Design. Peer review for Grade 2.

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Q: Try to compile/use the source code using the instructions provided. Can you get it up and running? Is anything problematic? Are there steps missing or assumptions made?
A: Could have had more explanations rather than one line saying to "Run the boat club program from program.java". That's hardly considered a readme file. Was not able to locate executable file (or am I wrong?) which was one of the requirements to test the system.

Q: Does the implementation and diagrams conform (do they show the same thing)? Are there any missing relations? Relations in the wrong direction? Wrong relations? Correct UML notation?
A: Class diagram seems a bit vague – misses some information in it. Apart from that, could be better, but I believe that it is good enough for any developer to understand and follow.

Q: Is the Architecture ok?
A: I believe that overall architecture of the system is good.

Q: Is the requirement of a unique member id correctly done?
A: Unique ID numbers are provided for each member thus are correctly done.

Q: What is the quality of the implementation/source code?
A: Good naming and comments. Good naming of classes, methods, etc. No dead code.

Q: What is the quality of the design? Is it Object Oriented?
A: Overall, the quality of design is good. Design is object oriented, follows all the principles of good UML design. In my eyes, GRASP seems to be used correctly.

Q: As a developer would the diagrams help you and why/why not?
A: Diagrams could be improved, but overall with addition of code behind the diagrams I believe that they would help me as a developer, to better understand what is happening in the system. Clear to follow; names are easy to understand.

Q: What are the strong points of the design/implementation, what do you think is really good and why?
A: Well written comments. Design is easy to follow. Implementation could be improved, but overall well written and quite ok to understand and follow.

Q: What are the weaknesses of the design/implementation, what do you think should be changed and why?
A: Not all user input is handled. A bit messy.

Q: Do you think the model has passed the grade 2 (passing grade) criteria?
A: There are some flaws, but I believe that your design (workshop 2) has passed the grade 2 (passing grade) criteria.

References

1. Tutorial Point, UML tutorial, http://www.tutorialspoint.com/uml/uml_basic_notations.htm
2. Larman C. Applying UML and Patterns 3rd edition, ISBN: 0-13-148906-2