

Object Oriented Analysis and Design

Workshop2: Design

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Peer view for Kristoffer Karlsson(kk222hk)

Test runnable version

Bugs

1. When we modify a boat or a member, it would be good to have the possibility to not modify something. IE: I want to modify the name of the user. I wouldn't have to enter the personal number again.
2. When I do the action to user's name including adding a new user and edit a user's information, something wired happened. I didn't type in anything and press enter, nothing more showed. When I begun to type something, the character would cover the character of the word "Input name" one by one.
3. The naming function didn't check whether the name was number or alphabet. And the personal number didn't check right or wrong. [5]
4. It will be nicer if the member and his ships can stay together in output file.

Architecture

1. There is a model view separation. [1]
2. Controller should just transmit data between the view and the model. IE: controller ask the view to know which option has been selected, the view return the selection, the controller call the model to perform the option selected. Send to the view if some data have been send back by the model and have to be shown. [6]

Code

The code has high-standard quality. Naming is good. There is no duplication. Everything seems perfect for me.

The requirement of a unique member id is correctly done with using `random.next(0,500)` and checking whether they are the same id.

Design

I think everything meets the requirement of Peer Review Instructions Workshop 2 Design. [2]

Class diagram

Everything seems great. I can't find anything wrong or missing. The implementation and diagrams conform. [3]

Sequence diagram

Everything seems great. I can't find anything wrong or missing. The implementation and diagrams conform. [4]

Questions

As a developer would the diagrams help you and why/why not?

Surely, yes, it helps a lot. Clear and easy to understand.

What are the strong points of the design/implementation, what do you think is really good and why?

Almost every case is great, there is a lot of things to learn for me from him.

What are the weaknesses of the design/implementation, what do you think should be changed and why?

The controller. You have to move its most work to model. Controller should just transmit data between the view and the model.

Do you think the design/implementation has passed the grade 2 criteria?

Surely yes, if the controller part is fixed.

Bibliography

1. Larman C., Applying UML and Patterns 3rd Ed, 2005, ISBN: 0131489062, Ch 13.7
2. https://docs.google.com/document/d/1VDoSeyT_qwuXiQtbl_oSLadr1QQRmf5zGI_R6-MCMNo/edit
3. Larman C., Applying UML and Patterns 3rd Ed, 2005, ISBN: 0131489062, Ch 16.4,16.11
4. <http://www.visual-paradigm.com/VPGallery/diagrams/Sequence.html>
5. [https://en.wikipedia.org/wiki/Personal_identity_number_\(Sweden\)](https://en.wikipedia.org/wiki/Personal_identity_number_(Sweden))
6. The peer view Guillaume Fumeaux sent to me. I think his summary is right and clear to understand.