

Can you get it up and running? Is anything problematic? Are there steps missing?

I can't get the project running so there are some fundamentals missing from the application, this is what I get:

Boat file was not found

Exception in thread "main" java.lang.NullPointerException

at boatPackage.StoreMember.<init>(StoreMember.java:18)

at boatPackage.MainBoat.main(MainBoat.java:32)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:483)

at com.intellij.rt.execution.application.AppMain.main(AppMain.java:134)

Boat for abel is registered!

Class diagram and sequence diagram:

There are no class or sequence diagrams in this project.

Quality of source code:

Is there a model view separation:

Yes the separation is achieved by using a mvc pattern. View and model do not have any knowledge about each other. According to Larman on page 329, model objects should not have direct knowledge about the view

The quality of the source code is quite ok.

- Good naming convention
- There's a lot of unused code and commented code. Which is not good.
- It feels that the code is not very well tested.

Objects are connected using associations and not with keys/ids

Yes, the project is objectoriented.

Is GRASP used correctly

Yes it seems that way

Classes have high cohesion and are not too large or have too much responsibility.

Yes

Classes have low coupling and are not too connected to other entities.

Yes

Information should be encapsulated

This project is making use of private and public which ecapsulates well.

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

No, because they do not exist.

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

I like the naming convention.

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

- Diagrams needs to be added
- Remove the commented code.
- Remove unused code.
- Get the application to work.

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

No, I don't think so. The comments above needs to be adressed first.

References

1. Larman C., Applying UML and Patterns 3rd Ed, 2005, ISBN: 0131489062