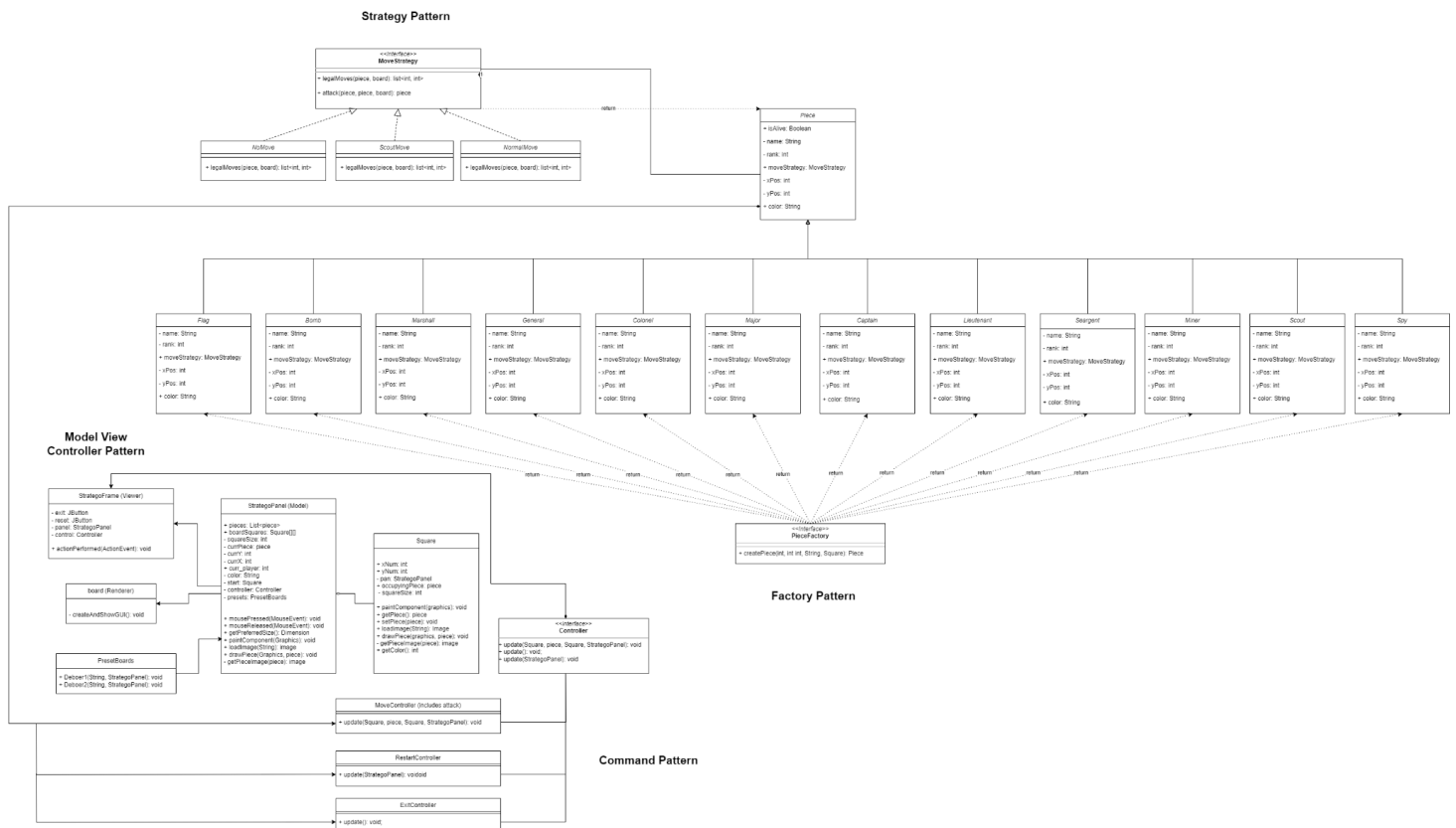


## Updated UML diagram (also in Github):

UML for Stratego  
Vernon Walker, Victoria Bockman



## Key changes:

- No Proxy Pattern
- Added Model View Controller Pattern
  - Subsequent interface and other classes
- Some of our original classes grew in size (the Tile/Square class, and the Board/Stratego Panel class) as we added functionality

## Third-Party code vs. Original code Statement:

When we started our project, we used some beginner code to help us from Stack Overflow: <https://stackoverflow.com/questions/53593173/gui-manipulations-for-board-game>. As we started working with this code we ended up changing many of the elements to help with our specific requirements. We also looked at various other examples besides this one for help understanding how all the different pieces work but they didn't make an appearance in our code.

We continued to use Java AWT and Java Swing for our graphic UI as we started development. Much of our actual board representation was made using these libraries and frameworks. Something that also helped us create the Mouse Listener and rendering the objects correctly was looking at example code for a chess game created with java: <https://github.com/jlundstedt/chess-java>

Statement on the OOAD process for your overall Semester Project:

When working throughout this final project, we used several OOD principles in our design process. The Single Responsibility Principle not only helps make your classes less complex and easier to manage, but we also noticed that this helped us organize our code better. We made very clear choices for what each class does and created new classes or modules to deal with separate components. Another design principle we used was programming to interfaces, not implementations. When we did this, we noticed that much of our coding was handled by the interface directly, which meant less repetition (DRY principle) and less work for us. We also attempted to encapsulate what varies with the use of private and protected variables, however, with such a large amount of files that are interacting with each other, it was sometimes easier to just make the variables public. This isn't a hard principle to abide by, but it does require a bit more work than we had time for.

### **Code Submission**

- ☒ ~~The code should be well structured and documented with appropriate comments.~~
- ☒ ~~Uses of OO Patterns or other design principles should be noted in the code, and any third-party elements should also be noted (with URLs or other citations).~~
- ☒ ~~Include a basic README Markdown file with the names of team members, the language version, and any special instructions to run the code (graders may request assistance from you during review)~~

### **Demonstration in Github**

- ☒ ~~The recorded video should be brief, 10 to 15 minutes; all team members should participate. Zoom is an effective way of sharing a screen for your application and allowing the team to comment on the work while recording to an MP4 file. Include the recording in your repo or provide an external link for viewing.~~