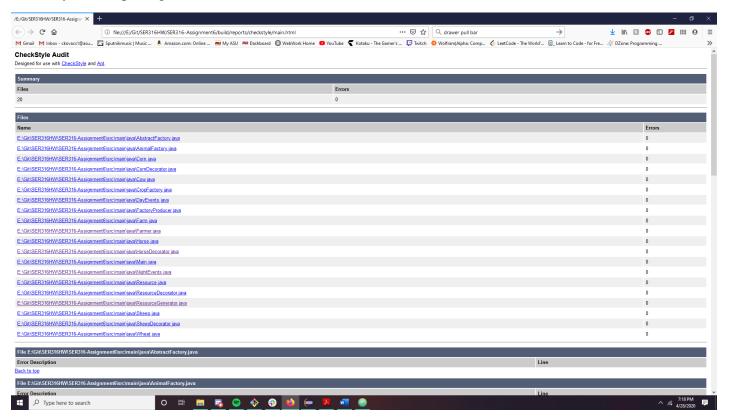
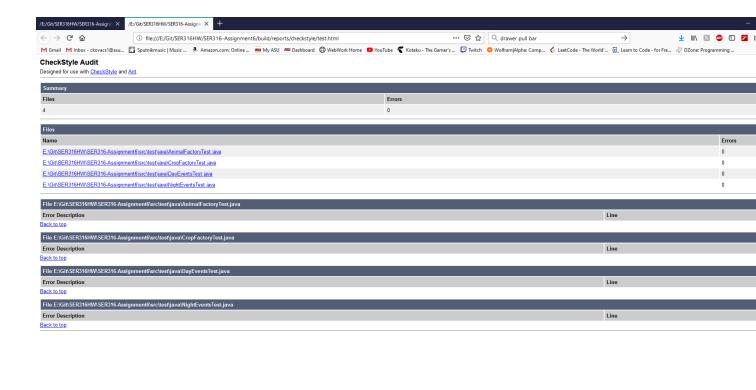
Curtis Kovacs

SER316 Assignment 6

4/28/20

Checkstyle and Spotbugs:

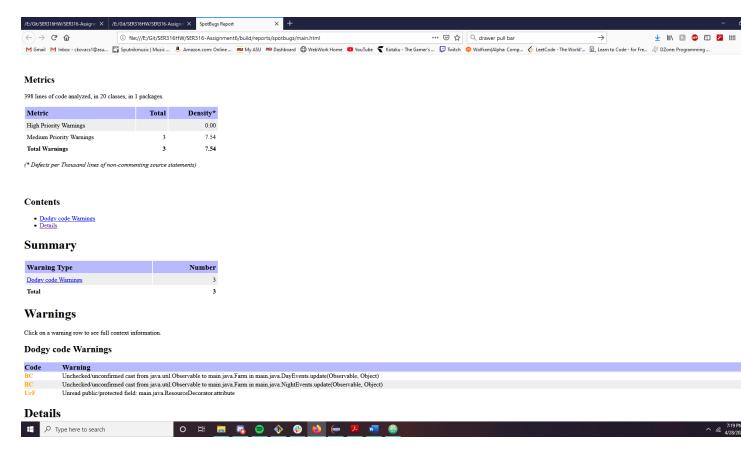




Zero errors in checkstyle. I removed the Javadoc modules in the checkstyle config file.

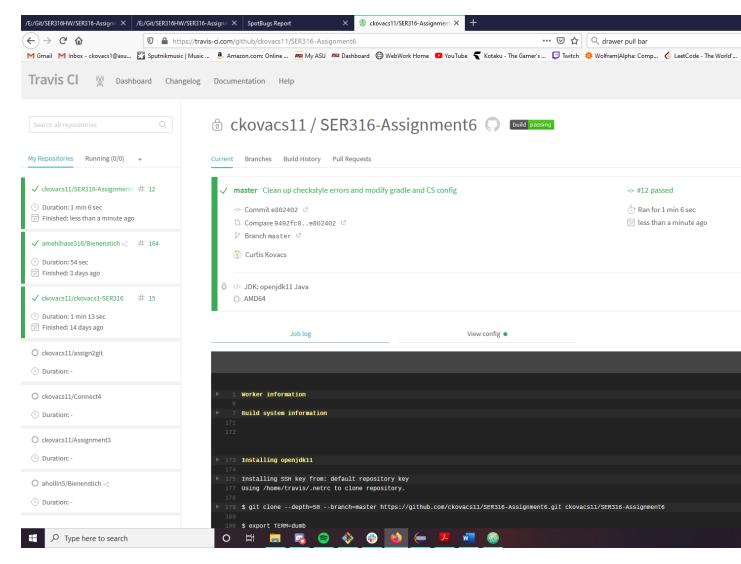
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Type here to search

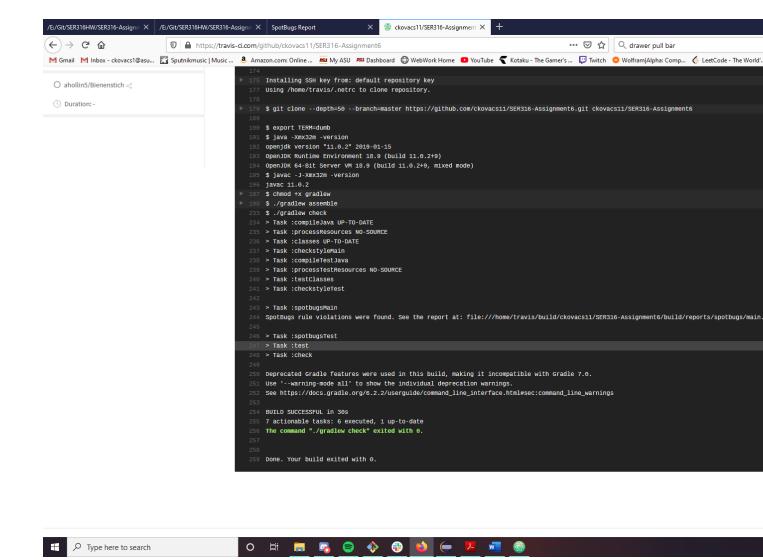


The only warnings I got for the spotbugs report are for unchecked casts. I could not figure out how to keep the cast in my code and not get this warning.

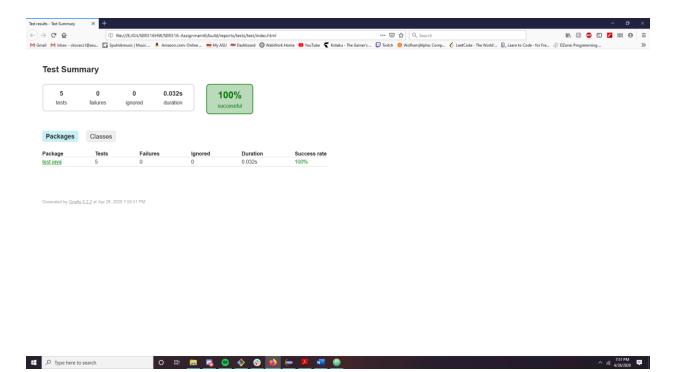
Travis CI:



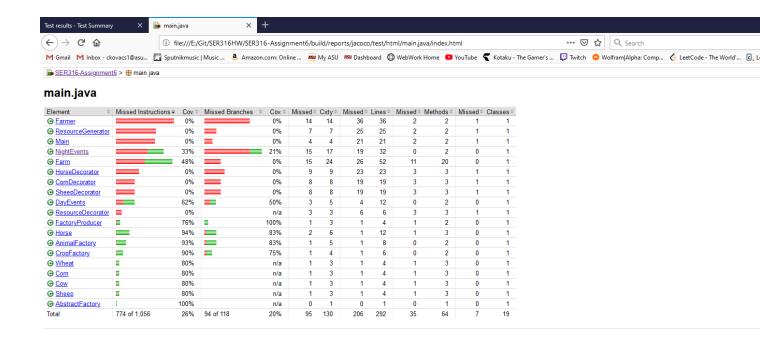
Build passes and runs checkstyle and spotbugs:



Junit:



Jacoco:





Screencast link: https://youtu.be/95e7PdeIry4

Design Pattern: I used 3 design patterns and interweaved them into one main program. I used Abstract Factory for creating the resource factories. The factories created resources which can be decorated with attributes using the Decorator design pattern. I used the Observer design pattern to implement events on a tick-based cycle.