Group 5

Final Project Phase 2 Report

The project changed quite a bit as we started to work on it, but the four main classes stayed the same. A few methods switched classes and we decided to store information in bits of strings instead of ArrayLists of the actual object. This made state persistence much easier since we could refer to files instead of the variables in a class. The changes in these classes are documented in the pdf of the Class UML Diagrams. In addition to the four main files, we added 14 other classes that served as the GUI or drivers. They were empty in terms of information, but they are the face of the project. These were easy to test as we could open them and visually see if they worked. As for the other classes, each method was tested in multiple ways. First, they were tested for basic functionality. We would print an expected answer as well as the answer the method gave to compare. After that, they were tested to see if they worked well with the other classes. Most of the time, minor modifications had to be made in order to make access to them easier. After all of the files were created, we tested the final project by going through each aspect of our own GUI.