Name(s):

Github Project Team Name(make sure that your add me to your team in Github so I can access your code when you submit it for grading):

Description of your project:

(What is the purpose? How will it be designed? If it has a GUI, what will it look like? etc.)

APCS Final Project grading rubric.

Total Points: /20 /30 /40

Project Complexity: 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0

Proposal 0 1 2 3 4 5

Github 0 1 2 3 4 5

Testing 0 1 2 3 4 5

Documentation 0 1 2 3 4 5

Code Execution 0 1 2 3 4 5

Presentation 0 1 2 3 4 5

Participation 0 1 2 3 4 5

Self Evaluation 0 1 2 3 4 5

Your project will be graded using the above rubric. A description of a “5” is given below for each category. The project complexity will be multiplied times the total.

Code Complexity: The code demonstrates the complexity of the Java programming language. The program should include the concepts of object-oriented programming taught in this course. These would include inheritance, polymorphism, sorting, sequencing, selection, abstraction, iteration and recursion.

Proposal: The proposal has a very detailed purpose as well as a thorough explanation of how the program will be implemented. This will be entered in Google Classroom.

Github: Your project will be shared and maintained on GitHub with appropriate commit messages. This basically creates a journal of your work on the project.

Testing: All methods in classes (not simple methods like getters/setters) are tested. Unit tests or runners. Tests cover a majority of situations including valid and invalid conditions.

Documentation: Key elements such as Author and Version tags are used along with documentation (preferrably JavaDoc /\*\*) at the beginning of each class describing its’ purpose. Each method that is not self-explanatory has documentation.

Code Execution: The program works and can be used for the purpose stated in the proposal.

Presentation: A demonstration of the program along with explanations of all of the major components of the program. You should be able to answer any reasonable questions about your implementation.

Participation: When you are in the classroom, you are utilizing the time to work on your project. You actively participate with your group members on the project.

Self Evaluation: You are capable of describing your role in your group’s project and have a good understanding of the concepts used in the program.