

Team Members: Pablo Nguyen, Brandon Powell

Initial Decisions:

Language: Python in Python3, in PyCharm

Architecture: We store students in a Custom class, and students are stored in an array, we chose not to overcomplicate things and just work with simple structures.

Task	Student	Start Time	End Time	Hours
Student Class Creation	Brandon	12:15pm	12:40pm	<1
Reading in file	Pablo	12:15pm	12:25pm	<1
Bus, Info commands Tests.txt file	Brandon	7:00pm	8:00pm	1
Average, Teacher, Student, Grade commands Bug Fix: newline character with Teacher First Name - added strip() when reading file line	Brandon	10:50am	11:50am	1
Finish Test Suites	Pablo	9:30pm	10:15pm	<1
Final Clean Up, Questions	Brandon	12:00pm	12:45pm	<1
Final Clean Up, Questions	Pablo	12:00pm	12:45pm	<1

Testing/Bugs:

Not many Bugs were encountered during testing.

One bug in the 'Grade' Option, when a grade that was empty or non-existent was chosen the program would error out and exit, we fixed it to print an empty line instead, fixed in 5 minutes. Another was with the Grade option as well, if multiple students had the same highest/lowest GPA, we didn't print multiple students, which was quickly fixed.

Another bug was in getting the Teacher First Name argument to be separate with the newline. To do this, we just had to strip the newline while reading the file line.

Final Notes: We tried to do this as simply as possible, so we used simple python structures, loops, iterations, and stored students in an array which made the implementation very easy. Since we are working on a list of only 60 students, execution speed or efficiency was not a focus.