

Ryan Hartzell
Anthony Delgado

CSC 365 Lab 1 Report

Initial Decisions

We decided to use Java as our language for this assignment, as it was the language we felt most comfortable using.

The environment used was IntelliJ.

Notes on Internal Architecture

We created a Student class to hold information for each Student (Last name, First name, Grade, GPA, Bus, Teacher last name, and teacher first name).

We used a HashSet as our structure to hold objects of type Student. This was for the purpose of efficiency.

Task Log

| Task Name | Student Performing | Start Time (Day/Month, Hour) | End Time | Total Hours Spent on Task |
|--------------------------|--------------------|------------------------------|---------------|---------------------------|
| Build Data Structures | Ryan Hartzell | 9/19, 12:00pm | 9/19, 12:30pm | 0.5 |
| Implement File I/O | Ryan Hartzell | 9/19, 12:30pm | 9/19, 1:00pm | 0.5 |
| Implement Search Options | Ryan Hartzell | 9/19, 8:00pm | 9/20, 21:30 | 1.5 |
| Test Suite | Anthony Delgado | | | |
| Report Write-up | Anthony Delgado | 9/19, 12:00pm | 9/21, 12:30pm | 0.5 |

Notes on Testing

Informal Testing (Trying to Compile/Run commands): Ryan Hartzell found 2 bugs during the implementation of search options; it took approximately 10 minutes to fix them.