**Unit 6 Reflection**

Date: May 29, {2018}

To: Mr. Peck

From: Maxwell Wang

Subject: “Lynder” Project Reflection

**Accomplishments.** {I was the core of the team tying together the efforts of our GUI guy Ian, and our testing guru Darren. I implemented the class structure as well as the entire algorithm as well as the student storage and management systems. I also wrote lots of extraneous methods to make the life of our GUI guru easier.}

**Learning Experience**. {

The experience of coding in the group environment was super eye opening as you have to make your code not only work but also understandable, debuggable, and accessible. As well as taking other people’s code into account. Writing the algorithm and class structure was the easy part, making it usable for the GUI as well as unstandable for our tester to debug. Not just coding for yourself was the hardest part }

**Objectives**. {Evaluate your performance. Describe how your performance aligns with each of the performance objectives. Give supporting details and examples to justify your grade.

I felt that given the task of creating a class structure and algorithm in time for troubleshooting and testing I did a tremendous job. I do feel that I could have gone one step further with some more error catching but luckily our JUnit test could understand the program. The code I wrote was clean efficient and gave other group members the tools they needed to succeed }

· Challenge {To what degree of difficulty did you challenge yourself?

This algorithm although simple in concept the implementation we used was really challenging to manage. So many extraneous and helper methods all had to work in unison. It was really challenging to get all our classes to work together so in the end I had to put in a lot of effort in rewriting our algorithm to work with our GUI}

· Effort {How hard did you work?

I worked extremely hard on this project and was extremely dedicated to the vision of Lynder. When we wanted to finish early to do troubleshooting i went on 4hr code sprints to finish methods in time for other people to work on their methods}

· Quality {How well did you do your work?

I put enormous emphasis on making my code legible and debuggable. A large part of working the q group is making sure that i code for others not just myself. I rewrote our algorithm multiple times to simplify it as well as future proofing it with extraneous functions}

· Problem Solving {How resourceful were you?

When our initial plan for implementation did not work, I had to come up with new ways to get around the problem and at the same time make it simple enough for others to understand. I employed knowledge gained from labs throughout the semester. Nesting Maps within Arrays within custom data structures was something new to me and it really made our algorithm that much better}

· Results {How useful were the results of your efforts?

An efficient and clean algorithm that exceeded our initial goals, although it can be improved this code is some of the cleanest I’ve ever written, and I am extremely proud of it}

· Teamwork {What kind of team player were you?

Although I was a little pushy with my teammates urging them to finish their sections as quickly as possible, I always made an effort on my end to enable them to accomplish their code with extra methods and moral support}

**Overall Assessment** {I feel that I deserve an A because I felt that I went above and beyond what was required of me and together our group accomplished a great deal in the time given. I also felt that I properly implemented the skills I learned throughout this semester and made a truly meaningful contribution to the group and to the class}