1) Defining the Problem
After me and Matthew formally introduced ourselves to Dr. Hunter and Ms. Cotler, we started discussing what the problem was that needed to be solved. We re-examined what they had told us during our first class, and came up with the following:

- To develop software that will aid in the assistance of grading lab exercises in the CSIS-010 course at Siena College, as well as providing useful and meaningful feedback to the student and the teacher.

After getting a brief rundown of how the course works, we got to look at some sample labs and pre-labs that the students have to hand in every week. As we observed these items, we started to go into further detail on the exact specifications that would yield the best possible software for our clients.

2) Putting it all Together
As we all continued to discuss the contents of our task, we all decided that these specific ideas would be ideal:

- Allow the student to electronically submit a pre-lab to our software.
- Allow the student to view certain aspects, including:
  - Mark the percent complete/attempt at the work. Report this to the instructor.
  - Give the student feedback on their incorrect answers.
- Report/log the grades for the teachers.
- Generate a correlation of answers, i.e. how many students got a question wrong/right, with breakdown percentages.
- Further break this information down into class/sections.
- Focus on marking the more tedious aspects of the pre-labs, including font-sizes, colors, formatting, etc. Specifically things which are hard to grade by eye.
- Recognize most formulas on Excel spreadsheets. Since there are so many possibilities to solve most problems, it would be improbable to store every solution for a question that generates a formula. Instructors would double check this by hand, if such an abstract formula was used that the software marked incorrect, when it actually was correct.
- Build on last year’s software, which was instructor use only. Having the student interaction is the key.

3) Future Meetings / Closing
We decided that the Thursday meetings at 1 P.M would be ideal for all parties. We will continue to meet at the same time each week unless otherwise noted.

**End Time:** 1:30PM