There have been no major changes in my project since the last status meeting.

Since my last bi-weekly status meeting, I have performed load testing on the peer tutoring software to be used in the classroom pilot on March 9 and 10. Our group reserved a computer lab and logged in a different student into the peer tutoring software on each computer, effectively simulating a classroom situation. We then tested various scenarios of students asking for help on a particular skill through the software to be able to practice the “wizarding” process in which a person behind the scenes acts as a placeholder for the tutor-tutee pairing AI and decides the actual pairings between students. This testing session helped bring to light some potential changes in the chat user interface and the algebra model that would make the software easier to use for students, which I am currently working on fixing.

There have been no major surprises in my project since my last meeting.

I did meet my bi-weekly milestone of testing the peer tutoring software.

Over the next few weeks, I plan to configure a Natural Language Processing component to be used in the models for coaching and giving help in the software. This component will be used to take student chat input and classify it using a model developed by another person in my group. Once this data is classified, the classification will be used in the existing coaching model, allowing the AI in the software to better provide hints and tips for the tutor, who is grading the tutee’s work. Furthermore, I plan on implementing the user interface changes prompted by the recent testing session. I also am working on creating a guide on the peer tutoring software to be used as an information packet for the teachers and students on how to use the software. This guide will be given to the teachers prior to their classroom studies, allowing teachers and students to become familiar with the software before they use it and allowing us to make the most of our time at the school.

I am not revising any of my upcoming milestone goals from my last meeting.

I have all of the resources needed to complete my project.