**Meeting Notes**

**WHEN/WHERE:** Tuesday, September 19th @ 4:00, in the fish bowl of Eaton

**PURPOSE:** First meeting. Set to start the project plan and set up team roles

**ATTENDANCE:** Cole Bartley, Sean Hammell, Wesley McDougal, Vincent Dick, Ethan Dirkes. Sean was a little late, as he had a class.

The first thing on the agenda was to decide team roles. Those are included below:

**Project Leader:** Cole Bartley

**Scribe:** Vincent Dick

**Programmer 1:** Ethan Dirkes

**Programmer 2:** Sean Hammell

**Quality Assurance:** Wesley McDougal

We then went to fill out the Project Plan. We all discussed what to write while Vincent put our conversations into words on the document. We ended up having a few questions on how we were supposed to fill out the project plan, so Wesley met with our TA during his office hours to get further clarification.

**WHEN/WHERE:** Thursday, September 21th @ 5:00, in the fish bowl of Eaton

**PURPOSE:** Continue the project plan

**ATTENDANCE:** Cole Bartley, Sean Hammell, Vincent Dick, Ethan Dirkes. Cole was a little bit late due to an interview. Wesley is sick, so he could not show up

We continued the project plan. We kept discussing what to put on there, while Vincent put it into words. This meeting was cut rather short, as we still had a few more questions for our TA on how to fill out the project plan. Cole Bartley emailed our TA for last clarifying questions before finishing the project plan.

**WHEN/WHERE:** Thursday, September 28th @ 4:00, on the second floor of Anschutz Library

**PURPOSE:** Do Extra Credit Quiz/Start our conversation on Requirements documentation

**ATTENDANCE:** Cole Bartley, Sean Hammell, Vincent Dick, Ethan Dirkes.. Wesley is still sick, so he could not show up.

The main purpose was to do the Extra Credit quiz together, as working as a team was encouraged by the professor, and we all wanted to double check our work. Next, we all asked Sean to show us how to use git and GitHub.com, as we were all very new when it came to pushing and committing files, especially when using Windows as opposed to Linux. Once that was done, we moved on to talking about the Software Requirements Documentation. Cole created the document and shared it with all of the team members so they can all edit the document. After a little bit of discussion on what to fill out and how to move forward with this part of the project, we ended the meeting.

**WHEN/WHERE:** Thursday, October 5th @ 4:00, At the fishbowl in Eaton

**PURPOSE:** Continue our Software Requirements Document

**ATTENDANCE:** Cole Bartley, Sean Hammell, Ethan Dirkes, Wesley McDougal, Vincent could not show up as he was sick. Wesley left early, as he needed to catch a bus

We continued our discussions and writing of the SRS document. Our plan for this document was to all do separate portions of the document, then come together next week and check each of our answers to make sure that they match, and that they are quality answers. Ethan finished out the first section, Sean finished our second section, Wesley finished the third section, and I finished the fourth section. Once each section was filled out, we ended the meeting and made a promise to meet one last time for next week.

**WHEN/WHERE:** Thursday, October 12th @ 4:00, At the fishbowl in Eaton

**PURPOSE:** Go through the Software Requirements document together and make changes

**ATTENDANCE:** Cole Bartley, Sean Hammell, Ethan Dirkes, Vincent Dick, Wesley was sick so he could not show up

As a group, we went through the document and made changes as we saw fit. Upon going through the document, we realized that we didn’t communicate well enough, and a lot of our answers didn’t match up. For example, our functional requirements were worded differently throughout the entire document. So we collectively came up with what the functional requirements were for our project, and redid the answers (which included the use case diagram). Once we finished fixing our document, we went through the feedback given to us on our project plan to see how we could improve our SRS. One of the feedback given to us was that we needed more information on our README.md. So we went through it and added more information.

**WHEN/WHERE:** Thursday, November 2nd @ 4:00, At the fishbowl in Eaton

**PURPOSE:** To start our Software Architecture Documentation

**ATTENDANCE:** Cole Bartley, Sean Hammell, Ethan Dirkes, Vincent Dick, Wesley McDougal

Since our Software Architecture Documentation (SAD) was the next thing due, we decided to start it today, and then finish/review it next week. First thing we did was we divided up the work. We assigned Vincent to do section 1 and 8, Wesley to do section 2 and 3, and Ethan, Sean, and I would put our minds together to do part 5, as that one felt the longest. When filling out the document, Wesley said he wanted to see what we had in mind for section 5 when filling out section 2 and 3, so we delayed filling those sections out until we had section 5 finished. We were very close to finishing out section 5, but didn’t get quite there before ending the meeting.

**WHEN/WHERE:** Thursday, November 9th @ 4:00, At the fishbowl in Eaton

**PURPOSE:** To Finish/Review our Software Architecture Documentation

**ATTENDANCE:** Cole Bartley, Sean Hammell, Ethan Dirkes, Vincent Dick, Wesley McDougal

The main purpose for today was to finish out the rest of the sections for our Software Architecture Document. We first finished out section 5 so Wesley could finish section 2 and 3. During this, Vincent finished out section 6. Then, when every section was finished, we went through the entire document together to make sure the quality was good enough and everything was consistent. We made very minor changes (mostly grammar/added a few details) but that was it. Everything else looked good in our eyes. So to finish out our meeting we uploaded the Software Architecture Document and updated this document on GitHub.

**WHEN/WHERE:** Thursday, November 16th @ 4:00, At the fishbowl in Eaton

**PURPOSE:** To talk about how we are going to code the project

**ATTENDANCE:** Cole Bartley, Ethan Dirkes, Vincent Dick, Wesley McDougal, Sean could not make it as he was in Colorado

The main purpose for today was to plan out a way to do the coding. Since Ethan has the most experience, we were going to have him start the code, and then meet up with Sean to finish it up. Then, once we get back from break, we will have Cole, Vincent, and Wesley finish up the last two documents. This meeting was fairly short, as we didn’t actually jump into doing any work. Once all that was decided, we ended the meeting.

**WHEN/WHERE:** Thursday, November 30th @ 4:00, At the fishbowl in Eaton

**PURPOSE:** To finish up code and finish up the remaining documents (Test cases document and Use cases)

**ATTENDANCE:** Cole Bartley, Ethan Dirkes, Vincent Dick, Wesley McDougal, Sean Hammell

When we met up, Ethan basically had the code finished, except for a few error handling cases. So Sean and Ethan finished up the Error Handling. Vincent and Cole worked on the user manual together. Wesley worked on creating which equations we were going to test, and then when the code was ready, we were going to test them and finish out the table. Our initial plan was to finish the project, but we decided to delay it to tomorrow to give us more time on things. When we ended the meeting, all that was left was to come up with some more test cases and to clean up the code.

**WHEN/WHERE:** Friday, December 1st @ 12:00, At the fishbowl in Eaton

**PURPOSE:** To polish up the code and finish up the test cases

**ATTENDANCE:** Cole Bartley, Ethan Dirkes, Sean Hammell, Wesley and Vincent could not make it

Today, we are going to finish the project. At first, Ethan and Sean worked on cleaning up the code, while Cole worked on reading and cleaning up the user manual. Then, Cole had to go to class, and when he did that, Ethan and Sean continued cleaning up the code. Then, when Cole returned from class, Ethan had to go to class. At this time, Sean and Cole worked on coming up with a lot of test cases. We ended up finishing all of the test cases by the time Ethan came back. When Ethan came back, Sean had to leave. To finish this project, Ethan and I went through every test case and entered them into the calculator. All of our test cases ended up working. Once that was finished, we uploaded everything to Github and finished the project.