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## **CS 499 Post Mortem - Electronically Returned Assignments**

### **The Positives:**

Our team communication was strong throughout both semesters, since we lived together as well. Teammate availability was very good, since we were very flexible around each other's very chaotic college schedules. Throughout the course of development, we made a distinct effort to document all of our code well. We also kept open communication to our client throughout each sprint so that we could demo our progress at the end and ensure we were developing the product that the client desired. Our client would give us on the spot feedback on how to adapt the project each sprint, and in turn our client has been very happy with the product received. In each sprint, whenever tasked with a difficult user story, we used pair programming to ensure quality and uniform styling in our work.

### **The Negatives:**

Some aspects of the project took longer to develop as initially expected. For example, integration with SIUE's CAS system took much longer than anticipated. This was mainly due to the fact that the library we initially were using didn't interface well with SIUE's particular system. To fix this, we ended up emailing ITS several times, and scheduled a meeting to further discuss the issue. We ended up just implementing our own client to the CAS server in the end. Another struggle, at least initially, there was a decent knowledge gap on the project architecture. One developer was responsible for the majority of the initial architecture design. We managed this by creating more documentation of the architecture and pair programming. Finally we struggled significantly with OpenProject. This was due to both our lack of knowledge in it and the bugs that are prevalent throughout the system. One way that we could have improved this

would have been experimenting with more towards the beginning of our project, so that we were better equipped for using it later in the project.

**Grand Takeaways:**

Overall, we strongly believe that we delivered a viable and useful product to our client. We believe that as a team we bonded well, and we feel successful in our conclusion of CS 499.