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CS 5002: Senior Design II  
Professor Fred Annexstein

### Self-Assessment

I chose to complete this project myself, without a team. As such, the entire project would be what I consider my “individual contribution”. My initial assessment last fall mentions project planning, requirements gathering, and C++. I believe I did build upon these skills throughout this project by successfully implementing the property management system I set out to build. I was able to list very specific requirements for this project before beginning, plan for each component of the project, and create a working demo of what I’m trying to accomplish using C++.

I successfully created a “first draft” of what I want to accomplish by using C++, the Qt framework, and MySQL. The product is by no means finished, however key functions are working or close to working at this point, functions such as building entry, tenant entry, and tenant payments. I learned a great deal about development in C++ using Qt as well as database design and creation during this process. Some obstacles I had to navigate include compiling the QSqlDatabase plugin from scratch in order to communicate with my database as well as learning the ins and outs of a litany of syntax I hadn’t been exposed to before with Qt.

As mentioned, I worked alone as opposed to forming a group, so there isn’t much to talk about as far as teamwork goes. However, someone who I believe deserves special recognition is

Claire for staying up, reviewing my code, and just hanging out with me during the many extremely long nights I spent working on this project.



*Figure 1: Claire*