

Jackson Rodgers

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CS 5002

## **Final Capstone Self-Assessment**

My individual contribution to this project was primarily in the application itself, rather than the database. I only used my experience with databases minorly, as Kevin handled all interactions with the database, and I did the application itself. This required a lot of work on designing the front-end of the application, which is something I had virtually no experience with beforehand. I am glad for that, however, as I learned a lot about this and the skills I have gained will come in handy in the future. I did more than just front-end, however, as there was a lot of functionality required of the application that I implemented. I also used and built more upon my ability to manage meetings and ensure that everyone has their proper tasks. This was useful to help keep the project on track.

The way that I created the application was by using Microsoft WPF. The whole application was built with this, with C# being the code behind the application. My largest obstacle was starting, and any time there was something new I wanted to add, as there was a lot of learning required going into anything I had not done yet, which was most things. I feel decently confident in my abilities with WPF now, after having done all this. The parts of the project I am most proud of are the Create Work Order pop-up, the display of work and supply orders, and history tabs. These all required linking different aspects of the application together and intertwining them in a way that was seamless. Overall, I learned a lot throughout this project and am grateful for the experience.