ISEN 440

Project Contributions Report

Final Presentation

Option 8

Jair Dunham:

Recorder & Planner

My contribution throughout the final project was constructing and organizing the powerpoint presentation. Also implementing codes and ideas for different trials that we ran. Throughout the project I took step-by-step notes to prepare for a descriptive explanation on the process of our codes. During this project, I had the ability to arrange meeting times with my team three times during the week to gain knowledge and experience that I can soon share with professional leaders.

Christina McWilliams:

Co-Recorder

My contribution throughout the final project was as the co-recorder on the final project and was responsible for writing the user guide manual on downloading the python and PyCharm software and making edits to the power point presentation. I also contributed ideas as to the set up of the interface. During this project, I was able to meet with the team two to three times in the week to discuss the direction of the project and identify ways I could further develop my knowledge of coding.

Autumn Fields:

Co-Recorder & Co-Programmer

During the course of this project, I contributed in many ways. I helped in writing the pseudo code which explains the logic behind the Python or VBA code that actually builds the program. After all pseudo code had an expression or function I filled in the missing information for the application file so we could make a final import into python. My contributions to the PowerPoint were recordings on some of the slides and improving the aesthetic quality of the presentation.

Joshua Bailey:

Full Stack Software Developer.

My contribution to this project was to lead the team in the prototyping and software development of Harvest X. Along with Autumn, we wrote the pseudo-code, wire-framed, and coded the backend. We pieced each small function together to form the final product. For example, we learned how to handle files via python from there we learned how to process those files, and from there we learned how to display specific results. I developed the front end and did a technical code review of the backend. I had the opportunity to teach git, python, and HTML.