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CITC 2390

Mid-Term Project Report (Programming)

Week 1:

I have reviewed the specifications per the documentation on d2l and have planned how to implement these. With how much reworking I had to do with the previous project, I have taken much more time up-front to plan the execution of it rather than jumping straight in.

Especially where I have never personally made an exe file, I want to be extra careful with how I implement my code to avoid rewrites as much as possible. A main consideration I will keep in mind as I progress with the progress is how I will store and access data, as that was the biggest roadblock in the midterm. I have only spent a few hours throughout the week planning the project, largely today (Sunday, November 10, 2024), but I believe I shouldn’t have issues as of now. I have also reviewed the change form on d2l, and fortunately that was a feature I would have liked to add in the beginning anyway. I look forward to working more on this in the coming weeks.

Week 2:

I have begun implementation and structured as much as possible regarding how I want to code the project. This week has been exceptionally busy, and I have had to dedicate more time to the more immediate assignments and tasks in life. I have not done much towards finishing this project this week. I do plan to get at least a working skeleton in the coming week. I have a much, much clearer weekend coming up, and I can devote much of it to this assignment.

Final Update:

I have implemented the project according to specifications as per my knowledge. The project is written in python and compiled to an exe, with values stored in an included directory in an xlsx file. The light and dark modes have been implemented, the save feature is functional, and a search function has been added. I have recompiled it into a new exe and included a short document on how to use the program.