Midterm Report

Updates on Progress
- Milestone 1: As the files we had gotten for our database had no way of allowing us to actually read and utilize the data on the CSV files, we ended up utilizing SQLite Browser in order to make our .db file from scratch using the data publicly displayed on the CCCS website.
- Milestone 2: So far, we have gotten the ability to browse the database complete, however we are still learning how to use C++ builder effectively in order to implement the other features of our program. Learning the syntax and how the application builder behaves has been our biggest challenge so far.
- Milestone 3: We are no longer doing a Console Based UI for this project, rather, we are creating a simple UI application that makes it easy for any user to use without any knowledge of a command line.
- Milestone 4: Hugh has been researching methods of adding SQL protection, currently my plan is to add string validation to our search feature, ensuring that no concrete SQL code can be injected.
- Milestone 5: This will be done once we have completed all of our previous milestones.

Deviations
- Some changes to the methodology we are using include using C++ builder software to make the application. We are using FireDAC connection to get our database setup and working with the application. There's still a chance that we will use the 3rd party libraries we listed in our project proposal but that is dependent on if they will work with C++ builder without issue. As stated above we are not doing a console based UI anymore and will have an application with buttons