What was the hardest part about this project? Which part of building your app gave you the most difficultly?

The hardest part was trying to connect my JavaFX FXML views to the database. I could get GUI views to connect to data without a database, and database to connect to data in main without a problem. But, I had so much trouble putting it together and I could not get it to work. I tried separating the default JavaFX controller into segments for each view and had too much trouble with populating tableviews, comboboxes, and other UI parts. I also had too many problems with setting up an API and had to abandon that and work more with manual input.

Where did your inspiration for the app?

I got inspiration from my family’s confidence in me during previous times in other programming classes and ideas I had. I’ve always liked talking with my dad the most about making my own apps for our usage. He is really tech savvy and has set up multiple servers for some interesting things like our cameras and our gaming servers. He used to be an electrical engineer, so I thought why not handle it on the software side of things so I can make something that he can use. I think he is my biggest inspiration and I was excited to come up with an app like this with him so we can potentially use it for the family.

Go back and look at your project proposal. (For those that gave me several, I'm talking about the proposal for the app you eventually built.) How close to this proposal do you feel you ended up getting? For those parts that you didn't do, why? (Remember that I never intended for you be able to complete the whole thing.)

I felt like I got somewhat close with connecting my JavaFX views with my database when putting it all together in the end, but I felt like I lost my confidence in how to piece it together and got stuck. So, with a couple weeks left, I went with a command line view instead, as that is what I am more confident in. With all my finals coming up, I tried to put it together the best that I could, and I got somewhat close to my proposal. I couldn’t figure out the calendar and getting the sum of interest in a movie, and no API so I couldn’t fill my Movies class with as much as I wanted to.

What would you need to explore or learn in order to finish this app? Is that something you can see yourself doing in the future?

I would need to explore databases and GUI in the future by themselves, more in-depth, instead of trying to do databases, JavaFX GUI, and getting them in a MVC structure all together. I still want to make the application better looking for my family in the future than command lines. I hope to explore more options to complete this application, maybe more specialized materials to study on SQLite or JavaFX, and, if not those, then more on other databases and GUIs. I also need to learn better programming practices to make better use of my time and to not restart the project to work on implementing the newest thing.