

Reflections

Some of the challenges I faced was figuring out how to make sure that the queries are formatted properly without type and syntax errors. I also had to figure out how to make sure that the user does not enter erroneous information by checking data types.

My knowledge of relational databases helped me to implement a relational loan collection that connects books and borrowers. In my opinion, I feel that for a simpler implementation of a library for this assignment, a non-relational database would be suitable because miscellaneous data such as list of authors, genres and publishers can be embedded within *books* without the need to add a new collection to store that data specifically. Furthermore, since loan history is not required, loan data can be simply embedded within books. However, for libraries who want to have better control and security over their data, a relational database can help by allowing data to be unlinked without having books or borrowers removed from the database.