

REFLECTION

In this Lab Assignment, I learned how the repository serves as a middle man between the Database and the Business Logic layer. The repository is responsible for reading and writing data or specific rows of data from and to our database, while the business layer is responsible for providing the repository with more specific information or attributes for the repository to search for in the database. From our main program, by separating it from anything to do with databases or business logic, we can then focus more on the flow of our program, how it should function, and displaying data to the user rather than reading and writing to our database. We only have to request the business layer for specific rows we want or tell it to update a specific object we deal with in our program, but we do not have to deal with any other part of our database now that we have a business layer and database context to deal with these separately. We also learned how having an enum to represent an Entity's current state is handy so that we don't have to worry about updating other entities within the database to reflect changes in other entities.