**Evaluation of Team Project vs Final Project**

The following brief will focus on the evaluation of the initial project and the final project. In the team project, I and my colleagues created a database solution for an online bookstore inventory management system. This was my first experience in my professional career, and breaking down user requirements into a database design model was very interesting. From creating an ERD diagram to understanding the relations between attributes and entities. We also gave some points on compliance, along with database type, storage design, and the data cleaning process in the design process. The discussions with my colleagues gave me experience in discussing a data-related project, which will help me further understand the process of creating a database at work.

In comparison, the task in the final executive report was to present the initial project, along with further adjustments and recommendations from my personal perspective. In this report, I enhanced my knowledge of the SQL and NoSQL database types. SQL is good for structured scalability, while NoSQL is more flexible. On the other hand, NoSQL suffers from accuracy in big data processing. Furthermore, NoSQL sometimes lacks security, although this has recently improved (Blanco, et al., 2022). Research on Kappa and Lambda architectures has helped me to identify how data can be streamed for the end user. Lambda can be used for both batch and stream processing. On the other hand, Kappa architecture can be used for stream processing (Sanla & Numnonda, 2019). This knowledge opens many doors for me and helps me understand data pipeline structures, which I hope to use in my profession soon.

**References**

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