Enhancement Three: Databases

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The artifact I choose to enhance was from my CS-330 Computer Graphics and

Visualizations. The class focused on creating 3-demensional objects in Visual

Studios using C++. I chose to enhance this project by creating a database to store

metadata using C++. I will be using SQLite to create a database to store the author

name.

Storing metadata in a database enables data consistency and integrity. With a well-

designed database schema, you can define rules and constraints to ensure that the

data remains accurate and consistent. This helps prevent errors and ensures the

reliability of your application or system. I was introducing to this concept during

my class DAD-220: Introduction to SQL. During that class we were taught to

create structed database environments that incorporate basic processing

functionality and allow for data management, data manipulation, and data analysis.

While working on this enhancement it made me realize how far I have come in

this program. I have really learned more than I initially thought. This has been an

incredible experience and I appreciate all I have learned and experienced.