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Database Design and Implementation

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### Midterm Q/A

1. It is always important to enforce data integrity to ensure that your data is consistent and accurate. Otherwise the data is useless.
2. Following naming conventions keeps your database easy to analyze and understand, and helps when performing maintenance.
3. Choosing the correct data type saves system time and resources. Choosing the wrong data type takes up unnecessary storage space and performing conversions where it is unnecessary takes processing power and times that could be allocated elsewhere.
4. Indexing and columns on a table can vary from case to case, depending on the usage of the data. There is a certain threshold however, where too many indexes begin to hurt instead of help.
6. Writing clean code improves ease of use and helps others understand what is going on in your code, similar to following naming conventions, this helps keep everything clean and organized for the viewer to understand.