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System Design Documentation

For this project I chose to model a book club because I am currently an administrator for my own real world book club called #JustRead.This came easy because I have knowledge on how a book club functions and what the key elements are. A book club is made up of members who read and discuss books on a monthly basis. These discussions and book reviews are usually done in a scheduled meeting. The system tracks members, books, meetings and book reviews to efficiently manage member information, book inventory, meeting schedules, and feedback on books.

I also looked at similar systems like library management tools and online book communities to get a sense of useful features. I then grouped information into categories (entities), which helped me decide on the tables and relationships needed for the database. The key elements I identified were member details, book lists, meeting dates. This approach helped me ensure the project reflects both the core operations of a book club and the kinds of data processing and organization that make a database valuable.