

The Book Shop

This project is based on the Book Shop Scenario provided in **P4_Book_Shop_Scenario.pdf**.
The highlighted analysis of P4_Book_Shop_Scenario.pdf is provided in
P4_Book_Shop_Scenario_Marked.pdf.

The project submission must include the following:

1. A Complete model provided in **P4_Book_Shop_Model.dm2**.
This includes entities, attributes, properly named relationships, domain entities and relationship sentences.
2. Documentation of Constraints and any Denormalization in **P4_Book_Shop_Constraints.docx**.
3. Properly completed mapping of the model in **P4_Book_Shop_Map.xlsx** using
ER_Mapping_Template.xlsx as a base.

Hints:

1. This is not Amazon, each Book has unique characteristics.
2. Use terminology of the industry: Book, Title, Author, Publisher, etc...
Visit a Book store if it language is not clear to you.
3. Make sure that your analysis leads you to properly modeled entities because that properly modeled entities are 3NF!
4. Books in this store are worth \$1,000s of dollars – asking price is probably not selling price – document both.
5. The universe of antique book collecting is a relatively small one and books are bought and sold and bought again – so they are, in reality the same object BUT how should they be modeled? Are the same each time they are bought and sold?
6. Transitioning from paper systems or Excel spreadsheets is common and you must be able to store the information from the old system while introducing new, more appropriate structures in the new. Make sure your model does that.
7. In this course, you have worked through all the examples of model patterns and scenarios to directly apply to this problem. Refer to them.
8. Do not make the mistakes you made in the Video Store model.