

Bookstore Inventory Management ERD Building Activity

Scenario:

Imagine you are designing a small database to help a bookstore manage its inventory, sales, suppliers, and customers. The bookstore needs a system to track the books it sells, the suppliers who provide these books, and the customer orders.

Entities:

1. Books
2. Suppliers
3. Orders
4. Customers

Activity Instructions:

1. Identify Entities and Attributes:

List down the entities and their attributes based on the scenario.

2. Define Relationships:

For each pair of entities, decide on the cardinality and direction of the relationship (e.g., One-to-Many, Many-to-One).

3. Draw the ERD:

Use an ERD tool or draw on paper, creating rectangles for entities, including primary and foreign keys, and using lines to represent relationships with their cardinalities.