

Relational Database Schema Design:

Table: Books

- ISBN (Primary key, varchar)
- Title (Varchar)
- Publication_Year (INT)
- Price (Decimal)

Table: Genres

- genre_id (Primary key, Int)
- genre_name (Varchar)
- Description (varchar)

Table: Authors

- Author_id (Primary key, Int)
- Author_name (Varchar)

Table: Books_Authors

- Book_id (Foreign key, References Books. ISBN)
- Author_id (Foreign key, Reference Authors. Author_id)

Table: Customers

- Customer_id (Primary key, Int)

- name (varchar)
- email_add (varchar)
- shipping_add (varchar)

Table: Orders

- order_id (Primary key, int)
- Customer_id (Foreign key, Reference Customers.
customer_id)
- order_datetime (Date time)

ER diagram

Books (1) --- (*) Genre

Books (1) --- (*) Author

Authors (1) --- (*) Books

Orders (1) --- (*) Order-Items

Books (1) --- (*) Order-Items