**Assignment 2:** Design a database schema for a library system, including tables, fields, and constraints like NOT NULL, UNIQUE, and CHECK. Include primary and foreign keys to establish relationships between tables.

Basic schema for a library system:

- 1. Table: Authors
  - Fields:
    - author\_id (Primary Key, Integer)
    - author name (Text, NOT NULL)
- 2. Table: Books
  - Fields:
    - book\_id (Primary Key, Integer)
    - title (Text, NOT NULL)
    - isbn (Text, UNIQUE, NOT NULL)
    - author id (Foreign Key referencing Authors.author id)
- 3. Table: Members
  - Fields:
    - member\_id (Primary Key, Integer)
    - member\_name (Text, NOT NULL)
    - email (Text, UNIQUE, NOT NULL)
    - phone\_number (Text)
- 4. Table: Borrowed
  - Fields:
    - borrow\_id (Primary Key, Integer)
    - book\_id (Foreign Key referencing Books.book\_id)
    - member\_id (Foreign Key referencing Members.member\_id)
    - loan\_date (Date, NOT NULL)
    - return\_date (Date)