# Sequel Ace Schemas: Book App mySQL

## Book App: Relational Db

A diagram of a book

AI-generated content may be incorrect.

PK = Primary Key FK = Foreign Key

--Create the Book App database

CREATE DATABASE IF NOT EXISTS bookdb

DEFAULT CHARACTER SET utf8mb4

COLLATE utf8mb4\_general\_ci;

-- Switch to the database

USE bookdb;

-- Create the users table

CREATE TABLE users (

id INT AUTO\_INCREMENT PRIMARY KEY,

firstName VARCHAR(50),

lastName VARCHAR(50),

email VARCHAR(100) UNIQUE,

password VARCHAR(255) -- Passwords should be hashed before storing

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_general\_ci;

-- Create the books table, linked to users via user\_id

CREATE TABLE books (

id INT AUTO\_INCREMENT PRIMARY KEY,

user\_id INT,

title VARCHAR(150),

author VARCHAR(100),

genre VARCHAR(50),

comments TEXT,

FOREIGN KEY (user\_id) REFERENCES users(id) ON DELETE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_general\_ci;

http://localhost:8888/bookapp/index.htm