Task 1: The application concept
1. Add book
2. Search book name
3. Delete book
4. We want users of the app to be able to search for books, publishers, authors containing specific words
5. We want users of the app to be able to search for books based on publication date.
6. We would like the most recent books to appear highest in the list by default, but for the user to be able to change the sort criteria.
7. We would like at least two types of users for the app, customers to search for books reading data related to books from the database and admin users to create, update and delete data as well as reading data from the database.
8. We would like a user to be able to click on a book and see all data relevant to that book as well as checking stock availability of a book.
9. We would like admin users to be able to update stock availability when new books arrive at store or when books are sold to customers

Task 2: Define 3 basic functions the app will perform
1. Search books based on different criteria
2. Manage books
3. View books details

Task 3: Object Identification
1. Books table
2. Publishers table
3. Users table

Task 4: Object Properties
1. Book row will have author id, time released, comments etc.
2. Publishers will have id, name, contact details, book id's etc.
3. Users will have name, book read, isAdmin flag etc.

Task 5: Field Types
1. Book: id - INT, author id - INT, name - VARCHAR(50), content - TEXT, time released - TIMESTAMP
2. Publishers: id - INT, name- VARCHAR(50),
3. Users- id - INT, isAdmin - BOOL, avatar - BLOB

Task 6: Depict your schema in an ER diagram