

Open Information System: Conceptual schema

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1 Project subject

- Ebook shop
- Various ebook types
- Searchable
 - Authors
 - ISBN
 - Edition
 - Title
 - Category
 - Year
- Pricing

2 Database usecases

- The user register by choosing a “username” and a “password” and “email” if the username is not already taken in the database we create a new entry with the password and username or it’s taken we ask to choose another username.
- The user login the website using username and password we check in the “User” table if the username exist if it exist we check if the password match.
- When the user search for a book by default it try to match the user query with the title and the author name in the database.
- The user can search for a book using more in deep parameter like the title, category, authors, price, isbn, etc. . . It try to match those parameters with the corresponding field in the “Book” table.
- If an user find a book interesting they can buy it when it’s done the bought items are stored “Purchases” table.

- User can filters books by categories, the database only retrieve the matching category when we filter categories.
- Books are added on the database only by the admin it's mandatory to fulfill every field to create a new book on the database.

3 ER Schema

