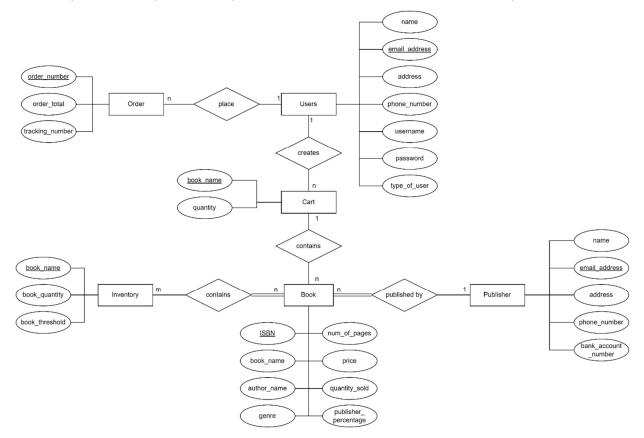
# **Online Bookstore (Look Inna Book)**

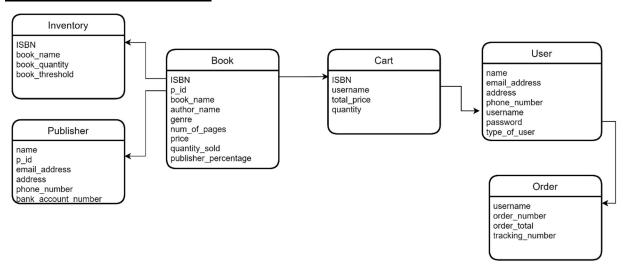
#### **Conceptual Design**

#### **Assumptions**

- One user can place many orders.
- Encapsulated both the customer and the owner under the "Users" entity since they can both place orders.
- A publisher can publish multiple books and one book is associated with one publisher.



### **Reduction to Relation Schemas**



#### **Primary Keys**

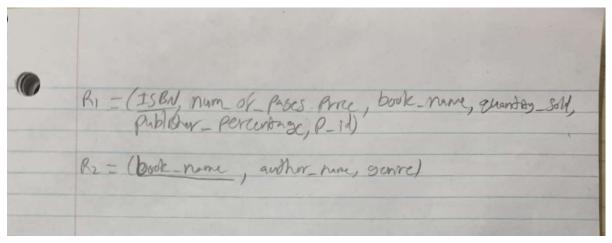
Book: ISBN Cart: ISBN

Users: username Order: username Publisher: p\_id Inventory: ISBN

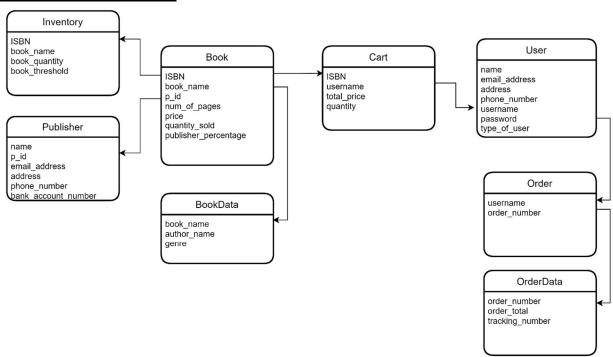
## **Normalization of Relation Schemas**

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#### **Database Schema Diagram**



# <u>Primary Keys</u>

Book: ISBN

BookData: book\_name Cart: ISBN, username

Users: username, email address

Order: username

OrderData: order\_number

Publisher: p\_id Inventory: ISBN

# **GitHub Repository**

The SQL and project files are present in the following GitHub repository link: <a href="https://github.com/saadeid-sys/COMP3005Project">https://github.com/saadeid-sys/COMP3005Project</a>