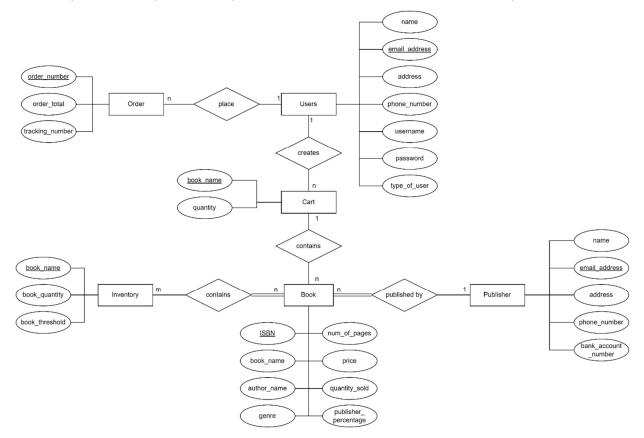
Online Bookstore (Look Inna Book)

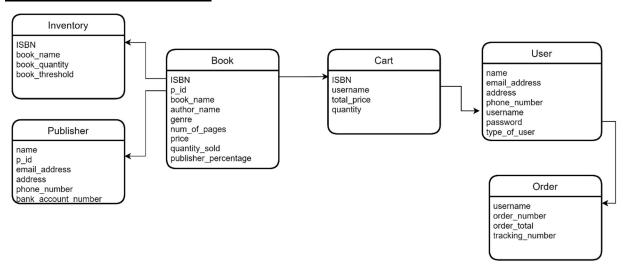
Conceptual Design

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

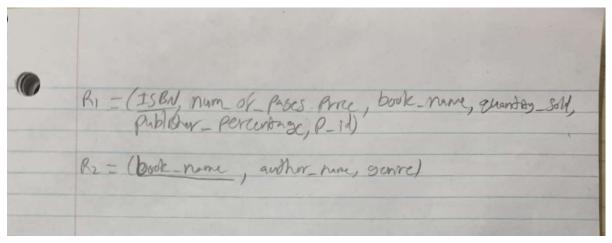
Book: ISBN Cart: ISBN

Users: username Order: username Publisher: p_id Inventory: ISBN

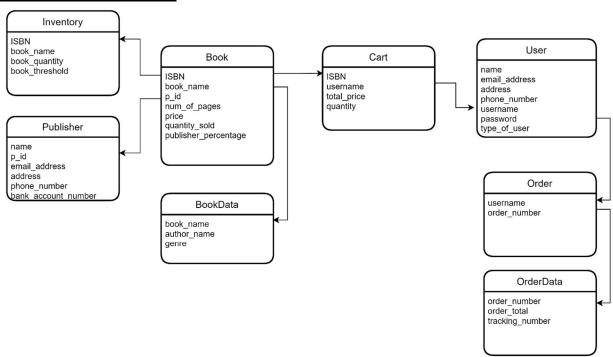
Normalization of Relation Schemas

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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

Bonus Feature

I added the functionality of approximate searching for a book via the title of a book and it will print out books with similar book titles.

GitHub Repository

The SQL and project files are present in the following GitHub repository link: https://github.com/saadeid-sys/COMP3005Project