**Story: Building an Efficient Online Bookstore**

BookWorld, a burgeoning online bookstore, needed a robust database to manage its operations efficiently. The goal was to keep track of books, authors, customers, and orders while ensuring data integrity and consistency. The database would help streamline inventory management, customer interactions, and order processing.

**The Journey of Database Creation**

To start, the bookstore needed to catalog its diverse inventory of books. Each book was assigned a unique ISBN, which served as its primary identifier. The database also stored the book's title, price, and the number of copies available.

Next, it was essential to manage information about the authors whose books were sold on the platform. Each author was given a unique author ID, and the database recorded the author's name and their biography. Books could have multiple authors, and each author could have written multiple books

BookWorld also needed to keep track of its customers. Each customer was assigned a unique customer ID. The database stored the customer's name, email, and address.

Managing orders was a crucial part of the bookstore's operations. Each order was identified by an order ID and linked to the customer who placed the order. The database recorded the order date and the total amount. An order could consist of multiple books, and each book could be part of multiple orders. Additionally, an order could order multiple copies of the same book at one time.

**Conclusion**

By carefully designing tables and implementing appropriate constraints, BookWorld successfully created a database that ensured data integrity and consistency. The system allowed the bookstore to efficiently manage its inventory, authors, customers, and orders. This structured approach laid a solid foundation for BookWorld's operations, enabling it to grow and serve its customers better. The new database system marked a significant milestone in BookWorld's journey, providing a reliable backbone for its expanding business.