**Indian Bookstore**

**Database Structure (BookStore)**

1. Book

|  |  |
| --- | --- |
| Column Name |  |
| ID | int, auto-increment, primary key |
| Book\_name | varchar, not null |
| Author\_name | varchar, not null |
| Publisher | varchar, not null |
| Price | double, not null |
| Quantity\_available | int, not null |
| Book\_type | enum {paper-book, e-book} |
| Active | enum {0,1} |

1. Customer

|  |  |
| --- | --- |
| ID | int, auto-increment, primary key |
| FirstName | varchar, not null |
| LastName | varchar, not null |
| Email | varchar, not null, unique |
| PhoneNo | varchar, not null, unique |
| Address | varchar |
| UserName | varchar, not null, unique |

1. Vendor

|  |  |
| --- | --- |
| ID | int, auto-increment, primary key |
| Vendor\_name | varchar, not null |
| PhoneNo | varchar, not null |
| Email | varchar, not null, unique |

1. Cart

|  |  |
| --- | --- |
| ID | int, auto-increment, primary key |
| Customer\_ID | foreign-key(customer) references (id) |
| Book\_ID | foreign-key(book) references (id) |
| Book\_type | foreign-key(customer) references (book\_type) |
| Quantity | int, not null |

1. Order

|  |  |
| --- | --- |
| ID | int, auto-increment |
| Book\_ID | foreign-key(book) references (id) |
| Customer\_ID | foreign-key(Customer) references (id) |
| Delivery\_Status | Enum {packing, shipped, in-transit, delivered, failed} |
| Vendor\_ID | foreign-key(vendor) references (id) |
| Primary Key(Order\_ID, Book\_ID) |  |

1. Shipment

|  |  |
| --- | --- |
| ID | int, auto-increment, primary key |
| Order\_ID | foreign-key(Order) references (id) |
| Vendor\_ID | foreign-key(Vendor) references (id) |
| Location | varchar |
| Expected\_Delivery\_Date | timestamp, not null |
| Delivery\_Date | timestamp |

Technology:

1. Python
2. Flask
3. MySQL & MongoDB

Or

1. ReactJs
2. NodeJs
3. MySQL & MongoDB