

Task 1: Identifying Possible Tables and Associated Fields for Book.com

1. Books Table

- **Fields:**
 - Book_ID
 - Title
 - ISBN
 - Year
 - Price
 - Author_ID
 - Publisher_ID

2. Authors Table

- **Fields:**
 - Author_ID
 - Name
 - Address
 - Homepage_URL

3. Publishers Table

- **Fields:**
 - Publisher_ID (
 - Name
 - Address
 - Phone_Number
 - Website_URL

4. Warehouses Table

- **Fields:**
 - Warehouse_ID
 - Address
 - Phone_Number

5. Warehouse_Stock Table

- **Fields:**
 - Warehouse_ID
 - Book_ID

- Stock_Quantity

6. Customers Table

- **Fields:**
 - Customer_ID
 - Name
 - Address
 - Email_ID
 - Phone_Number

7. Shopping_Carts Table

- **Fields:**
 - Shopping_Cart_ID
 - Customer_ID

8. Shopping_Cart_Items Table

- **Fields:**
 - Shopping_Cart_ID
 - Book_ID
 - Quantity

9. Orders Table

- **Fields:**
 - Order_ID
 - Customer_ID
 - Order_Date
 - Billing_Address
 - Shipping_Address
 - Shipping_Option
 - Payment_Information
 - Email_Notification_Status

Task 2: Identifying Possible Tables and Associated Fields for ABC Ltd.

1. Customers Table

- **Fields:**

- Customer_ID
- Name
- Address
- Phone_Number
- Email_ID

2. Products Table

- **Fields:**
 - Product_ID
 - Product_Name
 - Description
 - Preferred_Supplier_ID
 - Quantity_In_Stock
 - Reorder_Level
 - Unit_Price

3. Suppliers Table

- **Fields:**
 - Supplier_ID
 - Name
 - Address
 - Phone_Number
 - Email_ID

4. Orders Table

- **Fields:**
 - Order_ID
 - Customer_ID
 - Order_Date
 - Order_Status

5. Order_Items Table

- **Fields:**
 - Order_ID
 - Product_ID
 - Quantity_Ordered

6. Invoices Table

- **Fields:**
 - Invoice_ID
 - Order_ID
 - Invoice_Date
 - Total_Amount

7. Payments Table

- **Fields:**
 - Payment_ID (Primary Key, unique identifier for each payment)
 - Invoice_ID (Foreign Key linking to the Invoices table)
 - Payment_Date
 - Amount_Paid
 - Payment_Method (e.g., Credit Card, Bank Transfer)

8. Back_Orders Table

- **Fields:**
 - Back_Order_ID
 - Order_ID
 - Product_ID
 - Quantity_Backordered
 - Supplier_ID
 - Expected_Delivery_Date