

Online Shopping application, with their **fields, data types, and lookup relationships**:

◆ 1. Product__c

Purpose: Stores product information.

Field Label	API Name	Data Type	Type
Product Name	Name	Text (80)	Standard Name Field
Price	Price__c	Currency(16,2)	Custom Field
Stock Quantity	Stock_Quantity__c	Number(5,0)	Custom Field

✓ **No lookups** in this object.

◆ 2. Customer__c

Purpose: Stores customer information.

Field Label	API Name	Data Type	Type
Full Name	Name	Text (80)	Standard Name Field
Email	Email__c	Email	Custom Field
Phone Number	Phone_Number__c	Phone	Custom Field

✓ **No lookups** in this object either.

◆ 3. Order__c

Purpose: Stores individual orders made by customers.

Field Label	API Name	Data Type	Type
Order Number	Name	Auto Number	Standard Name Field
Order Date	Order_Date__c	Date	Custom Field
Quantity Ordered	Quantity__c	Number(5,0)	Custom Field
🔗 Product	Product__c	Lookup(Product__c)	Lookup Field
🔗 Customer	Customer__c	Lookup(Customer__c)	Lookup Field

✓ **Summary of Lookup Relationships**

- `Order__c.Product__c` → **Lookup to Product__c**
- `Order__c.Customer__c` → **Lookup to Customer__c**

Accounts Management Application in **Salesforce Cloud**, we'll create 3 custom objects:

1. **Account__c** – Represents a company or organization.
2. **Contact__c** – Represents individuals related to the account.
3. **Transaction__c** – Represents transactions or interactions between the account and organization.

Below is the design with **fields**, **data types**, and **lookup relationships**:

◆ 1. Account__c


Purpose: Represents client companies or businesses.

Field Label	API Name	Data Type	Notes
Account Name	Name	Text (80)	Standard Name field
Industry	Industry__c	Picklist	(e.g., Tech, Retail, etc.)
Account Rating	Account_Rating__c	Picklist	(Hot, Warm, Cold)

✓ No lookup fields in this object.

◆ 2. Contact__c



Purpose: Represents people related to an Account.

Field Label	API Name	Data Type	Notes
Full Name	Name	Text (80)	Standard Name field
Email	Email__c	Email	Contact email
Phone	Phone__c	Phone	Contact number
 Account	Account__c	Lookup(Account__c)	Links to Account__c

✓ **Lookup:** Contact → Account

◆ 3. Transaction__c

Purpose: Represents financial or service transactions.

Field Label	API Name	Data Type	Notes
Transaction Name	Name	Auto Number	e.g., TXN-{0001}
Amount	Amount__c	Currency(16,2)	Amount involved
Date	Transaction_Date__c	Date	Date of transaction
 Account	Account__c	Lookup(Account__c)	Links transaction to Account
 Contact	Contact__c	Lookup(Contact__c)	Person involved (optional)

✓ Lookups:

- Transaction → Account
- Transaction → Contact

✓ Summary of Lookup Relationships

Source Object	Lookup Field	Target Object
Contact__c	Account__c	Account__c
Transaction__c	Account__c	Account__c
Transaction__c	Contact__c	Contact__c

Contact Management Application using **Salesforce Cloud**, we will create 3 custom objects that help track contacts, their organizations, and interactions. Here's a full breakdown with **fields**, **data types**, and **lookup relationships**.

◆ 1. Organization__c

Purpose: Represents companies or institutions where contacts work.


Field Label	API Name	Data Type	Notes
Organization Name	Name	Text (80)	Standard Name field

Industry	Industry__c	Picklist	e.g., Tech, Finance, Education
Location	Location__c	Text (100)	Office address or city

✓ **No lookups** in this object.

◆ 2. Contact__c


Purpose: Stores information about individual people.

Field Label	API Name	Data Type	Notes
Full Name	Name	Text (80)	Standard Name field
Email	Email__c	Email	Email address
Phone	Phone__c	Phone	Contact number
 Organization	Organization__c	Lookup(Organization__c)	Link to employer/company

✓ **Lookup:** Contact → Organization

◆ 3. Interaction__c

Purpose: Tracks interactions (calls, meetings, etc.) with contacts.

Field Label	API Name	Data Type	Notes
Interaction Name	Name	Auto Number	e.g., INT-{0001}
Type	Interaction_Type__c	Picklist	Call, Meeting, Email, etc.
Date	Interaction_Date__c	Date	When the interaction occurred
Notes	Notes__c	Long Text Area(255)	Interaction summary
 Contact	Contact__c	Lookup(Contact__c)	Link to the contact involved

✓ **Lookup:** Interaction → Contact

✓ Summary of Lookup Relationships

Source Object	Lookup Field	Target Object
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Contact__c	Organization__c	Organization__c
Interaction__c	Contact__c	Contact__c

Would you like help creating this in Salesforce Setup, or want a data model diagram for documentation?