ANP-C7971

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Database Design for

Online Gift Store

**ONLINE GIFT STORE**

An Online Gift Centre database requires tables for storing information about users, products (gifts), orders, payments, and deliveries. Below is a schema and sample SQL table creation script for designing such a system.

**Entities:**

* Customers
* Gifts
* Orders
* Order\_items
* Payments
* Deliveries
* Admin

**Entity-Relationships**:

**One-to-Many**

One Customer can place multiple orders.

One order can have multiple gifts.

ONE-TO-ONE

One order can have a single payment and delivery address.

**Many-to-Many**

One order can contain multiple gifts, and each gift can be part of multiple orders.

Attributes are the fields of entities that refer to the characteristics or properties of entities within a database.

1. **Customers**

* Customer\_id
* Name
* Mobileno
* Address

1. **Gifts**

* Gift\_id
* Name
* Price
* Stock

1. **Orders**

* Order\_id
* Customer\_id
* Order\_date
* Total Amount

1. **Order\_items**

* Order\_item\_id
* Order\_id
* Gift\_id
* Quantity
* Price

1. **Payments**

* Payment\_id
* Order\_id
* Payment\_method
* Payment\_status
* Amount

1. **Deliveries**

* Delivery\_id
* Order\_id
* Delivery\_Address
* Delivery\_date
* Delivery\_status

1. **Admin**

* Admin\_id
* Username
* Password
* Role

1. **Categories**

* Category\_id
* Category\_name

ENTITY RELATIONSHIP DIAGRAM – ONLINE GIFT STORE

OF

NO OF

ADMIN

ORDER\_ITEMS

CONTAIN

GIFTS

TO

DELIVERIES

ORDERS

PLACES

CUSTOMERS

TYPE OF

TT

CATEGORY

PAYMENTS

