**Database design for ecommerce:**

**A ecommerce process:**

**User:**

**add cart> go shiping from cart > fillup shipping address> complete payment**

**Admin:**

**Database**

**Database Table List:**

**This first table list should be for admin/owner management system, and its used in admin interface**

1. **admin**
2. **user/customer**
3. **category**
4. **sub category**
5. **tag**
6. **supplier**
7. **product**
8. **stock**
9. **staff**

**User/Customers Shopping Process, which is work in user interface**

1. **cart**
2. **order**
3. **Order details**
4. **Shipping address**
5. **Payment**
6. **Payment details**
7. **Shippers / who bring the order to customer**

**Admin:**

1. **admin id**
2. **admin name**
3. **photo**
4. **address**
5. **city**
6. **country**
7. **address**
8. **phone**
9. **email**
10. **password**

**User/Customer:**

1. **Customer id**
2. **F name**
3. **L name**
4. **Address**
5. **City**
6. **Division**
7. **Country**
8. **Phone**
9. **Email**
10. **Password**

**Category:**

1. **Category id**
2. **Category name**
3. **Description**
4. **Photo**
5. **Status**

**Sub Category:**

1. **Sub Category id**
2. **Category id**
3. **Category name**
4. **Description**
5. **Photo**
6. **Status**

**Tag:**

1. **Tag id**
2. **Tag name**
3. **Tag slug**

**Suppliers:**

1. **supplier id**
2. **company name**
3. **Contact F Name**
4. **Contact L name**
5. **Contact Title**
6. **Address**
7. **City**
8. **Division**
9. **Country**
10. **Phone**
11. **Email**
12. **Fax**
13. **Notes**

**Products:**

1. **Product id**
2. **Product name**
3. **Product description**
4. **Supplier id**
5. **Category id**
6. **sub category id**
7. **Product price**
8. **Product size**
9. **Product color**
10. **Product weight**
11. **Discount**
12. **Product photo**
13. **Product rank**
14. **Note**

**Stock:**

1. **Stock id**
2. **Product id**
3. **Stock quantity**
4. **Stock color**
5. **Stock size**

**Staff:**

1. **Staff id**
2. **Staff f name**
3. **Staff l name**
4. **Phone**
5. **Email**
6. **Address**
7. **Note**

**Cart:**

1. **Cart id**
2. **Product id**
3. **Size**
4. **Color**

**Orders:**

1. **Oder id**
2. **Customer id**
3. **Shipping address id**
4. **Order number**
5. **Payment id**
6. **Order date**
7. **Shiping date**
8. **Required date**
9. **Payment date**
10. **Paid or not**
11. **Shipper id**

**Order Details:**

**Here price need for, if customer have %off rate or discount. And hare we list all single product alone, and then make it in one order.**

1. **Order details id**
2. **Order id**
3. **Product id**
4. **Order number**
5. **product Price**
6. **Quantity**
7. **Discount**
8. **Total**
9. **Size**
10. **Color**
11. **Bill date**

**Shipping Address:**

1. **Shipping address id**
2. **Order id**
3. **User id**
4. **Name**
5. **Phone**
6. **Altternative phone**
7. **Country**
8. **City**
9. **Area/upazila**
10. **Full address**

**Payment:**

1. **Payment id**
2. **Payment type**

**Payment details:**

**complete**

**Shippers:**

1. **Shipper id**
2. **Shipper name**
3. **Phone**
4. **Shipper details**